

<b>APOLLO</b>	<b>FORMATS / CHECKLISTS / DATASHEETS</b>	<b>REV. NO.: 0</b>
<b>DOC. CODE</b>	<b>TITLE: SAMPLE COLLECTION SPECIFICATION</b>	<b>DATE: 26 /07/2010</b>
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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
ACETYL CHOLINE RECEPTOR ANTIBODY	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 48 HR, REFRIGERATED 2 WEEKS, FROZEN 4 WEEKS	24 HRS	RADIO IMMUNO ASSAY	5 DAYS O/S(RANBAXY)
AFB CULTURE	NONE	BONE MARROW/BRONCHIAL LAVAGE/BRUSHINGS /OTHER BODY FLUID/SPUTUM/TISSUES/ URINE (EARLY MORNING)	STERILE CONTAINER	COLLECT APPROXIMATELY 15-30 ML OF FLUID .URINE FULL VOIDED SAMPLE.	ROOM 2 HRS, REFRIGERATED 7 DAYS, FROZEN NA	24 HRS	MICROSCOPY CULTURE/MB BACT SYSTEM.	45 DAYS
AFB CULTURE	NONE	BONE MARROW/BRONCHIAL LAVAGE/BRUSHINGS /OTHER BODY FLUID/SPUTUM/TISSUES/ URINE (EARLY MORNING)	STERILE CONTAINER	COLLECT APPROXIMATELY 15-30 ML OF FLUID .URINE FULL VOIDED SAMPLE.	ROOM 2 HRS, REFRIGERATED 7DAYS, FROZEN NA	24 HRS	L J CULTURE METHOD/MB BACT SYSTEM.	8-12 WEEKS
AFB RADIOMETRIC SUSCEPTIBILITY : (SIREP) PANE	NONE	PURE CULTURE	MB/BACT BOTTLE	NONE	1MONTH AT 37°C	24 HRS	RADIOMETRIC	4WEEKS O/S (RANBAXY)
AFB RADIOMETRIC SUSCEPTIBILITY : 5 DRUG PANEL	NONE	PURE CULTURE	MB/BACT BOTTLE	NONE	1MONTH AT 37°C	24 HRS	RADIOMETRIC	4WEEKS O/S (RANBAXY)

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AFB RADIOMETRIC SUSCEPTIBILITY:10 DRUG PANEL	NONE	PURE CULTURE	MB/BACT BOTTLE	NONE	1MONTH AT 37°C	24 HRS	RADIOMETRIC	4WEEKS O/S (RANBAXY)
AFB RADIOMETRIC SUSCEPTIBILITY:10 DRUG PANEL	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	1MONTH AT 37°C	24 HRS	RADIOMETRIC	4WEEKS O/S (RANBAXY)
AFB SENSITIVITY	NONE	PURE CULTURE	MB/BACT BOTTLE	NONE	1MONTH AT 37°C	24 HRS	RADIOMETRIC	4WEEKS
AFB STAIN (ACID FAST BACILLI)	NONE	ANY SPECIMEN	STERILE CONTAINER	SAMPLES AS PER THE CULTURE QUANTITY	ROOM 2 HRS, REFRIGERATED 24 HRS, FROZEN NA	24 HRS	MICROSCOPY	6 HOURS
AMA (IF)	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 6 HRS, REFRIGERATED 72 HRS, FROZEN 2 WEEKS	24 HRS	IMMUNO FLUORESCENCE IF	24 HOURS

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ANA PROFILE	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 6 HRS, REFRIGERATED 72 HRS, FROZEN 2 WEEKS	24 HRS	IMMUNOBLOT & ENZYME IMMUNO ASSAY	24 HOURS
ANA QUANTITATIVE (IF)	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 6 HRS, REFRIGERATED 72 HRS, FROZEN 2 WEEKS	24 HRS	IMMUNO FLUORESCENCE IF	24 HOURS
ANA SCREENING	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 6 HRS, REFRIGERATED 72 HRS, FROZEN 2 WEEKS	24 HRS	LATEX AGGLUTINATION	24 HOURS

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ANAEROBIC CULTURE	NONE	EAR SWAB/ MIDDLE EAR EFFUSION/AMNIOTIC FLUID, ASCITIC FLUID, PERICARDIAL FLUID, PERITONEAL FLUID, PLEURAL FLUID, SYNOVIAL FLUID/EXUDATES PUS SWABS	STERILE CONTAINER	SAMPLES AS PER THE CULTURE QUANTITY	IF A DELAY IN TRANSPORT OR PROCESSING IS ANTICIPATED, KEEP THE SPECIMEN AT <u>ROOM TEMPERATURE</u> .	24 HRS	MICROSCOPY, CULTURE.	1WEEK
ANCA (IF)	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 6 HRS, REFRIGERATED 72 HRS, FROZEN 2 WEEKS	24 HRS	IMMUNO FLUORESCENCE ASSAY ( IFA)	24 HOURS
ANTI CCP ANTIBODY	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 6 HRS, REFRIGERATED 72 HRS, FROZEN 2 WEEKS	SAMPLE BY MONDAY AND THURSDAY 7 AM	ELISA	3 DAYS

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ANTI ENDOMYSIUM ANTIBODY	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 6 HRS, REFRIGERATED 72 HRS, FROZEN 2 WEEKS	24 HRS	IMMUNO FLUOROSCEANCE ASSAY ( IFA)	5 DAYS
ANTI PLATELET ANTIBODY	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 6 HRS, REFRIGERATED 72 HRS, FROZEN 2 WEEKS	24 HRS	IMMUNO FLUOROSCEANCE ASSAY ( IFA)	5 DAYS
ANTI HAV ANTI BODY TOTAL	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 2 WEEKS	24 HRS	ELISA	5 DAYS O/S(RANBAXY)
ANTI HAV IGM	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 2 WEEKS	24 HRS	ENZYME LINKED IMMUNOFLUORO SCENCE ASSAY	24 HOURS

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ANTI HBC (TOTAL)	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 2 WEEKS	24 HRS	ENZYME LINKED IMMUNOFLUORO SCENCE ASSAY	5 DAYS O/S(RANBAXY)
ANTI HBC IGM	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 2 WEEKS	24 HRS	ENZYME LINKED IMMUNOFLUORO SCENCE ASSAY	24 HOURS
ANTI HBE ANTIBODY	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 2 WEEKS	24 HRS	ENZYME LINKED IMMUNOFLUORO SCENCE ASSAY	24 HOURS

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ANTI HBSAG ANTIBODY	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 2 WEEKS	24 HRS	ENZYME LINKED IMMUNOFLUORO SCENCE ASSAY	24 HOURS
ANTI HEV IGM	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 2 WEEKS	24 HRS	ELISA	24 HOURS
ANTI PARIETAL ANTIBODY	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 2 WEEKS	24 HRS	IMMUNO FLUOROSCE NCE IF	10 DAYS, O/S (APOLLO CHENNAI)
ANTI SPERM ANTIBODY	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 2 WEEKS	24 HRS	ELISA	7 DAYS O/S(RANBAXY)

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ASLO (ANTI STREPTOLYSIN O)	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM NA, REFRIGERATED 2DAYS, FROZEN 2 WEEKS	24 HRS	LATEX AGGLUTINATION	24 HOURS
ASMA (IF)	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 6 HRS, REFRIGERATED 72 HRS, FROZEN 2 WEEKS	24 HRS	IMMUNO FLUORESCENCE IF	24 HOURS
ABSOLUTE EOSINOPHIL COUNT	NOT APPLICABLE	WB	K2- EDTA VACUTAINER	3 ML	A- 12HRS R- 6 DAYS	NOT APPLICABLE	AUTOMATED CELL COUNTER/ MICROSCOPY	4HRS
ABSOLUTE LYMPHOCYTE COUNT	NOT APPLICABLE	WB	K2- EDTA VACUTAINER	3 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	AUTOMATED CELL COUNTER/ MICROSCOPY	4 HRS

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ABSOLUTE NEUTROPHILS COUNT	NOT APPLICABLE	WB	K2- EDTA VACUTAINER	3 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	AUTOMATED CELL COUNTER/ MICROSCOPY	4 HRS
ACTIVATED PROTEIN C RESISTANCE (OUTSOURCED TO SRL RELIGARE)	12 HR FASTING	PLASMA	3. 2% SODIUM CITRATE VACUTAINER	2.7ML / 4.5 ML	WB :< 2H PPP: A <4 HR R<24H -20°C -3 WEEKS -80°C- 3 MONTHS	NOT APPLICABLE	CLOT BASED	6 WEEKS
ACUTE LEUKEMIA COMPREHENSIVE DIAG. PANEL & KARYOTYPING (OUTSOURCED TO DABUR ONCQUEST)	NOT APPLICABLE	WB/ BMA	SODIUM HEPARIN VACUTAINER	7 – 8 ML WB/ 4 - 5 ML. BMA IN TWO GREEN TOP TUBES	20-25°C DO NOT FREEZE.	NOT APPLICABLE	FLOW CYTOMETRY + CONVENTIONAL KARYOTYPING	2 WEEKS
ACUTE LUKEMIA COMPREHENSIVE DIAG PANEL (OUTSOURCED TO DABUR ONCQUEST)	NOT APPLICABLE	WB/ BMA	SODIUM HEPARIN VACUTAINER	7 – 8 ML WB/ 4 - 5 ML. BMA IN TWO GREEN TOP TUBES	20-25°C DO NOT FREEZE	NOT APPLICABLE	FLOW CYTOMETRY	1 WEEK

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ALPHA THALASSEMIA MUTATION DETECTION (OUTSOURCED TO SRL RELIGARE)	NOT APPLICABLE	WB	K2- EDTA VACUTAINER	5.0 ML ( 2.0 ML)	R-72 HRS	NOT APPLICABLE	MULTIPLEX DNA POLYMERASE CHAIN REACTION	2 WEEKS
ANTI THROMBIN III DEFICIENCY (OUTSOURCED TO SRL RELIGARE)	12 HR FASTING	PLATELET POOR PLASMA	3. 2% SODIUM CITRATE VACUTAINER	2.7ML / 4.5 ML	WB :< 2H PPP: A <4 HR R<24H -20°C -3 WEEKS -80°C- 3 MONTHS	NOT APPLICABLE	CHROMOGENIC	1 WEEK
APT TEST	NOT APPLICABLE	GASTRIC CONTENTS/ STOOL	50 ML TIGHTLY CAPPED WIDE MOUTH PLASTIC CONTAINER	NOT APPLICABLE	A: 24 HRS	NOT APPLICABLE	MANUAL	4 HRS
ASCITIC FLUID CELL COUNT	NOT APPLICABLE	ASCITIC /PERITONEAL FLUID.	CLEAN STOPPERED PLASTIC TEST TUBE/ RED CAPPED VACUTAINER	5 ML	A – 1-2HRS R– 24 HRS	NOT APPLICABLE	MICROSCOPY	4 HRS.

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17 – ALPHA - HYDROXYPROGESTERONE	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 24 HOURS FROZEN 2 WEEKS	SAMPLE BY MON 4 PM	ENZYME IMMUNO ASSAY	7 DAYS, O/S (LALPATH'S)
5-HYDROXY INDOLEACETIC ACID	FRUITS - PINEAPPLE, BANANA, WALNUT, TOMATOES, PLUM, AVOCADO, CHOCOLATES, DRUGS - PHENOTHIAZINE, MAO INHIBITORS, RESERPINE FLUOROURACIL, MELPHALAN, IMIPRAMINE TO BE AVOIDED 72 HRS BEFORE SAMPLE COLLECTION	URINE-24HRS	CONTAINER WITH PRESERVATIVE ADD DROP BY DROP 6N HCL TO BRING PH < 3.0	50 ML	REFRIGERATED 2 WEEKS FROZEN 4 WEEKS	24HRS COLLECTION	COLUMN CHROMATOGRAPHY	7 DAYS, O/S (APOLLO CHENNAI)
ADRENO CORTICOTROPIC HORMONE (ACTH)	NONE	BLOOD	EDTA TUBE- LAVENDER CAPPED	4 ML	MIX WELL & IMMEDIATELY TRANSFER PLASMA INTO A SEPARATE CONTAINER & FREEZE- STABILITY 2WEEKS	DRAW SAMPLE BETWEEN 8A.M.- 10A.M	CHEMILUMINESCENCE	7 DAYS, O/S (ANAND LAB)

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ALBUMIN	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	SEPARATE FROM CELLS IMMEDIATELY REFRIGERATE 2 TO 8 C FOR 30 DAYS,	24 HRS	BCG	3 HRS
ACETAMINOPHEN	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	2 TO 8 C FOR 24 HRS	24 HRS	SPECTROPHOTOMETRY	4 HRS
ALDOSTERONE	OVER NIGHT FASTING.DRAW SPECIMEN AFTER PATIENT IS MADE TO SIT UP FOR 30 MINS.	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 24 HRS FROZEN 2 WEEKS	SAMPLE BY THURSDAY 4 PM	CHEMILUMINESCENCE	7 DAYS, O/S (LALPATH'S)
ALKALINE PHOSPHATASE	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	2 TO 25 C FOR 7 DAYS	24 HRS	PNP AMPBUFFER	3 HRS

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AMINOLEVULINIC ACID (ALA) (24HRS URINE)	NONE	URINE-24HRS	COLLECT IN A DARK COLOURED CONTAINER WITH 0.1 ML GLACIAL ACETIC ACID	10 ML	REFRIGERATE 20 DAYS FROZEN 4 WEEKS	ONCE A WEEK SAMPLE BY FRIDAY 7 AM	COLUMN CROMATOGRAPHY	72 HRS (LALPATH'S)
AMINOLEVULINIC ACID (ALA) (SPOT URINE)	NONE	SPOT URINE (2ND MORNING URINE SAMPLE)	COLLECT IN A DARK COLOURED CONTAINER WITH 0.1 ML GLACIAL ACETIC ACID (WRAP COMPLETELY WITH BLACK PAPER OR ALUMINUM FOIL)	10 ML	REFRIGERATE 20 DAYS FROZEN 4 WEEKS	SAMPLE BY FRIDAY 7 AM	COLUMN CHROMATOGRAPHY	7 DAYS, O/S
ANDROSTENEDIONE	EARLY MORNING SPECIMEN, AGE & SEX TO BE NOTED	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 48 HRS FROZEN 4 WEEKS	EARLY MORNING SAMPLE	CHEMILUMINESCENCE	7 DAYS, O/S (LALPATH'S)
ANGIOTENSIN CONVERTING ENZYME	OVERNIGHT FASTING REQUIRED	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 72 HRS FROZEN 2 WEEKS	FASTING	SPECTROPHOTOMETRY	7 DAYS, O/S (ANAND LAB)

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ANTI DIURETIC HORMONE (VASSOPRESSIN)	NONE	URINE-RANDOM	URINE CONTAINER WITHOUT PRESERVATIVE	10 ML	REFRIGERATED 1 WEEK FROZEN 2 WEEKS	SAMPLE BY 7TH OF THE MONTH	RIA	3 WEEKS, O/S (LALPATH'S)
APOLIPOPROTEIN A-1	12 HRS FASTING IS REQUIRED	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 3 DAYS FROZEN 2 WEEKS	FASTING	IMMUNOTURBIDOMETRY	7 DAYS, O/S (ANAND LAB)
APOLIPOPROTEIN B	12 HRS FASTING IS REQUIRED	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 3 DAYS FROZEN 2 WEEKS	FASTING	IMMUNOTURBIDOMETRY	7 DAYS, O/S (ANAND LAB)
AMMONIA	NONE	BLOOD	LAVENDER CAPPED TUBE- EDTA	3ML	SAMPLE TO BE BROUGHT IN ICE TO BE DONE IMMEDIATELY	24 HRS	SPECTROPHOTOMETRY	2 HRS

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AST (S.G.O.T)	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	2 TO 8 C FOR 7 DAYS	24 HRS	UV WITHOUT P5P	3 HRS
ALT (S.G.P.T)	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	2 TO 8 C FOR 7 DAYS	24 HRS	UV WITHOUT P5P	3 HRS
ALPHA – 1 – ANTITRYPSIN	OVER NIGHT FASTING IS REQUIRED	BLOOD	RED CAPPED VACUTAINER	4 ML	CENTRIFUGE AND SEPARATE SERUM IMMEDIATELY REFRIGERATED 1 WEEK FROZEN 2 WEEKS	FASTING	NEPHELOMETRY	7 DAYS, O/S (LALPATH'S)
AMYLASE	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	2 TO 25 C FOR 7 DAYS	24 HRS	CNPG3	3 HRS

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AMYLASE	NONE	URINE (RANDOM)	URINE CONTAINER WITHOUT PRESERVATIVE	10 ML	2 TO 8 C FOR 10 DAYS	24 HRS	CNPG3	3 HRS
ACID PHOSPHATASE (TOTAL)	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	LABILE CENTRIFUGE SEPARATE SERUM AND TRANSFER IN PLASTIC VIAL WITH STABILIZER IMMEDIATELY SERUM WITH STABILIZER (20ML ACETATE BUFFER)	24 HRS	NAPHTHYL PHOSPHATE	7 DAYS, O/S (ANAND LAB)
AFP	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 48 HRS > 48 HRS AT -20 C	24 HRS	CHEMILUMINESCENCE	6 HRS
ACID PHOSPHATASE (PROSTATIC)	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	LABILE CENTRIFUGE SEPARATE SERUM AND TRANSFER IN PLASTIC VIAL WITH STABILIZER IMMEDIATELY SERUM WITH STABILIZER (20ML ACETATE BUFFER)	24 HRS	NAPHTHYL PHOSPHATE	7 DAYS, O/S (ANAND LAB)

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
ANTI GLIADIN IGG	NA	SERUM OR PLASMA	RED CAP	4CC	2-8°C	ANY TIME	ENZYME IMMUNOASSAY	3 WORKING DAYS
BLOOD CULTURE	NONE	BLOOD	BLOOD AEROBIC FA, BLOOD CULTURE ANAEROBIC FN, BLOOD CULTURE PEDIATRICPF	FOR VOLUMES 1-4 ML, EXPEL ALL AIR FROM THE SYRINGE AND ASEPTICALLY INJECT THE VOLUME INTO A BACT/ALERT PEDIATRIC BOTTLE	IF A DELAY IN TRANSPORT OR PROCESSING IS ANTICIPATED, KEEP THE SPECIMEN AT <u>ROOM TEMPERATURE</u> .	24 HRS	BACT ALERT BLOOD CULTURE SYSTEM, MICROSCOPY, CULTURE, SENSITIVITY.	PRELIMINARY REPORTS AFTER 24, 48 AND 72 HOURS, FINAL REPORT 7 DAYS
BRONCHIAL LAVAGE CULTURE	NONE	BRONCHIAL LAVAGE BRONCHIAL ASPIRATE BRONCHIL BRUSHINGS, BRONCHIAL WASHINGS, BRONCHOALVEOLAR LAVAGE, TRANSTHORACIC ASPIRATE, TRANSTRACHEAL ASPIRATE	STERILE CONTAINER	COLLECT APPROXIMATELY 15-30 ML OF FLUID .	IF THERE IS A DELAY IN PROCESSING (>2 HOURS), REFRIGERATE SPECIMENS AT 2 – 8 C. LONG DELAYS (>24 HOURS) MAY COMPROMISE THE RECOVERY OF ORGANISMS SUCH AS <i>HAEMOPHILUS</i> SPP. AND <i>NEISSERIA MENINGITIDIS</i> AND ALSO MAY ALLOW OVERGROWTH OF NON-FASTIDIOUS GRAM-NEGATIVE RODS.	24 HRS	MICROSCOPY CULTURE/SENSITIVITY.	48 HOURS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
BRUCELLA AGGLUTINATION TEST	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM NA, REFRIGERATED 48 HRS, FROZEN 2 WEEKS	24 HRS	TUBE AGGLUTINATION	AFTER 24 HOURS
B A L CELL COUNT	NOT APPLICABLE	BAL FLUID.	CLEAN STOPPERED PLASTIC TEST TUBE/ RED VACUTAINER	5 ML	A -1-2HRS R- 24 HRS	NOT APPLICABLE	MICROSCOPY	4 HRS.
BASOPHILIC STIPPLING	NOT APPLICABLE	WEDGE SMEAR PREPARED WITH A DROP OF FINGER PRICK BLOOD	NOT APPLICABLE	2 SMEARS	A- 2HRS R- 24 HRS	NOT APPLICABLE	MICROSCOPY	4HRS
BLEEDING TIME	IF ACCEPTABLE TO YOUR PHYSICIAN, REFRAIN FROM TAKING ASPIRIN FOR 3 TO 5 DAYS PRIOR TO THE TEST.	W B	BLOTTING PAPER	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	MODIFIED IVYS METHOD	1 HR

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BLOOD PARASITES (MP BY QBC)	NOT APPLICABLE	WB	K2- EDTA VACUTAINER	3 ML	CENTRIFUGED TUBE A:3 DAYS R: 2 WEEKS	NOT APPLICABLE	QBC + MICROSCOPY	4 HRS.
BLOOD PARASITES (MP/MF)	NOT APPLICABLE	WB	K2- EDTA VACUTAINER	3 ML	CENTRIFUGED TUBE A:3 DAYS R: 2 WEEKS	NOT APPLICABLE	QBC + MICROSCOPY	4 HRS.
BMA CYTOLOGY WITH PERLSSTAIN	NOT APPLICABLE	BONE MARROW ASPIRATE + CLINICAL HISTORY + CBC	FIXED/ UNFIXED SMEARS	MIN 6 AIR DRIED SMEARS + 2 PERIPHERAL BLOOD SMEARS	A: UNFIXED: 24 HRS FIXED : PERMANENT	NOT APPLICABLE	MICROSCOPY	48 HRS.
BONE MARROW [PERLS STAIN]	NOT APPLICABLE	BONE MARROW ASPIRATE + CLINICAL HISTORY + CBC	FIXED/ UNFIXED SMEARS	MIN 6 AIR DRIED SMEARS + 2 PERIPHERAL BLOOD SMEARS	A: UNFIXED: 24 HRS FIXED : PERMANENT	NOT APPLICABLE	MICROSCOPY	48 HRS.

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BONE MARROW ASPIRATION CYTOLOGY[BMA]	NOT APPLICABLE	BONE MARROW ASPIRATE + CLINICAL HISTORY + CBC	FIXED/ UNFIXED SMEARS	MIN 6 AIR DRIED SMEARS + 2 PERIPHERAL BLOOD SMEARS	A: UNFIXED: 24 HRS FIXED : PERMANENT	NOT APPLICABLE	MICROSCOPY	48 HRS.
BONE MARROW CYTOGENIC STUDY	NOT APPLICABLE	BONE MARROW ASPIRATE + CLINICAL HISTORY + CBC	SODIUM HEPARIN VACUTAINER (GREEN CAP)	2-3 ML	R:48 HRS F : UNACCEPTABLE	NOT APPLICABLE	CULTURE	3 WEEKS
BONE MARROW SMEAR FOR OPINION	NOT APPLICABLE	BONE MARROW ASPIRATE + CLINICAL HISTORY + CBC	FIXED/ UNFIXED SMEARS	MIN 6 AIR DRIED SMEARS + 2 PERIPHERAL BLOOD SMEARS	A: UNFIXED: 24 HRS FIXED : PERMANENT	NOT APPLICABLE	MICROSCOPY	48 HRS.

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BONE MARROW- IRON STAIN	NOT APPLICABLE	BONE MARROW ASPIRATE + CLINICAL HISTORY + CBC	FIXED/ UNFIXED SMEARS	MIN 6 AIR DRIED SMEARS + 2 PERIPHERAL BLOOD SMEARS	A: UNFIXED: 24 HRS FIXED : PERMANENT	NOT APPLICABLE	MICROSCOPY	48 HRS.
BRONCHIAL BRUSH CELL COUNT	NOT APPLICABLE	BRONCHIAL BRUSH FLUID	CLEAN STOPPERED PLASTIC TEST TUBE/ RED CAPPED VACUTAINER	5 ML	A – 1-2HRS30 MIN R– 24 HRS	NOT APPLICABLE	MICROSCOPY	4 HRS.

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BRONCHICAL WASH CELL COUNT	NOT APPLICABLE	BRONCHIAL WASH FLUID.	CLEAN STOPPERED PLASTIC TEST TUBE/ RED CAPPED VACUTAINER	5 ML	A – 1-2HRS R– 24 HRS	NOT APPLICABLE	MICROSCOPY	4 HRS.
BLOOD GROUP AND TYPE	NA	WB & SERUM	EDTA & PLAIN (RED TOP) VACUTAINER	2ML EACH	24 HRS	NA	TUBE METHOD	3 HRS
BETA-HUMAN CHORIONIC GONADOTROPIN, (BETA HCG - TOTAL)	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 48 HRS > 48 HRS AT -20 C	24 HRS	CHEMILUMINESCENCE	6 HRS
BETA-HUMAN CHORIONIC GONADOTROPIN, (BETA HCG - FREE) USED IN DUAL MARKER TEST	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 24 HRS FROZEN 2 MONTHS	24 HRS	CHEMILUMINESCENCE	7 DAYS, O/S (LALPATH'S)

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
BICARBONATE	SAMPLE TO BE BROUGHT IN ICE	BLOOD	RED CAPPED VACUTAINER	4 ML	SEPARATE FROM SERUM IMMEDIATELY 2 TO 8 C FOR 8 HRS PROTECT FROM EXPOSURE TO AIR	24 HRS	PEP CARBOXYLASE	3 HRS
BILIRUBIN TOTAL	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	15 TO 25 C FOR 1 DAY HEMOLYSED SAMPLES TO BE AVOIDED	24 HRS	SULPH ACID DPL / CAFF-BENZ	3 HRS
BILIRUBIN DIRECT	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	15 TO 25 C FOR 3 DAYS HEMOLYSED AND LIPAEMIC SAMPLES TO BE AVOIDED	24 HRS	DIAZ. SULPH ACID	3 HRS
BIOPSY FOR HISTOPATHOLOGY	NONE	ANATOMICAL PARTS	SPECIMEN IN PLASTIC NON-PERFORATING CLEAN AND CAPPED CONTAINER WITH 10% FORMALIN – 1:10 RATIO	ENTIRE SPECIMEN EXCISED	NOT APPLICABLE	24 HRS	AUTOMATED AND MANUAL METHOD	4DAYS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
C1 ESTERASE INHIBITOR	NONE	SERUM/PLASMA	RED CAPPED VACUTAINER/ VIOLET CAP VACUTAINER	4ML	ROOM 4, REFRIGERATED 48 HRS, FROZEN 2 WEEKS	24 HRS	NA	AFTER 15 DAYS O/S(RANBAXY)
C3 QUANTITATIVE	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM NA, REFRIGERATED 48 HRS, FROZEN 1 WEEK	24 HRS	NEPHELOMETRY	AFTER 2 DAYS O/S(ANAND DIAGNOSTICS)
C4 QUANTITATIVE	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM NA, REFRIGERATED 48 HRS, FROZEN 1 WEEK	24 HRS	NEPHELOMETRY	AFTER 2 DAYS O/S(ANAND DIAGNOSTICS)
CLOSTRIDIUM DIFFICILE TOXIN	NONE	STOOL (FAECES)	STERILE CONTAINER	3-5 ML	ROOM 6, REFRIGERATED 48 HRS, FROZEN NA	24 HRS	ELISA	AFTER 2 DAYS O/S(MANIPAL HOSPITALS)

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
CARDIOLIPIN IGM/IGG	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 6 HRS, REFRIGERATED 72 HRS, FROZEN 2 WEEKS	IF REACHES BEFORE SUNDAY 2.00 PM	ELISA	AFTER 24 HOURS
CD4 & CD8 QUANTITATIVE	NONE	<b>EDTA BLOOD</b>	VIOLET CAPPED VACUTAINER	3ML	IF A DELAY IN TRANSPORT OR PROCESSING IS ANTICIPATED, KEEP THE SPECIMEN AT <b>ROOM TEMPERATURE. DO NOT FREEZE</b>	24 HRS	FLOW CYTOMETRY	AFTER 2 DAYS
CHLAMYDIA TRACHOMATIS IGG ANTIBODIES	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 6 HRS, REFRIGERATED 72 HRS, FROZEN 2 WEEKS	24 HRS	ELISA	AFTER 5 DAYS O/S(RANBAXY)
CHLAMYDIA TRACHOMATIS IGM ANTIBODIES	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 6 HRS, REFRIGERATED 72 HRS, FROZEN 2 WEEKS	24 HRS	ELISA	AFTER 5 DAYS O/S(RANBAXY)

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CMV IGG	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 6 HRS, REFRIGERATED 72 HRS, FROZEN 2 WEEKS	24 HRS	ENZYME LINKED IMMUNOFLUORO SCENCE ASSAY	AFTER 24 HOURS
CMV IGM	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 6 HRS, REFRIGERATED 72 HRS, FROZEN 2 WEEKS	24 HRS	ENZYME LINKED IMMUNOFLUORO SCENCE ASSAY	AFTER 24 HOURS
CMV RT PCR - QUANTITATIVE	NONE	<b>EDTA BLOOD</b>	VIOLET CAPPED VACUTAINER	3ML	SEPARATE ASEPTICALLY PLASMA WITH IN 1 HOUR OF COLLECTION ROOM NA, REFRIGERATED NA, FROZEN 2 WEEKS	24 HRS	PCR	10 DAYS, O/S (APOLLO CHENNAI)
CRYPTOCOCCAL STAIN (INDIA INK)	NONE	CSF	STERILE CONTAINER	SAMPLES AS PER THE CULTURE QUANTITY	IF A DELAY IN TRANSPORT OR PROCESSING IS ANTICIPATED, KEEP THE SPECIMEN AT <b>ROOM TEMPERATURE</b> .	24 HRS	MICROSCOPY	AFTER 6 HOURS
CRYPTOSPORIDIU M OCCYSTS	NONE	STOOL (FAECES)	STERILE CONTAINER	SAMPLES AS PER THE CULTURE QUANTITY	ROOM 6 HRS, REFRIGERATED 72 HRS, FROZEN NA	24 HRS	MODIFIED AFB STAIN	AFTER 24 HOURS

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CSF CULTURE	NONE	CSF	STERILE CONTAINER	5 -10ML	IF A DELAY IN TRANSPORT OR PROCESSING IS ANTICIPATED, KEEP THE SPECIMEN AT <u>ROOM TEMPERATURE.</u>	24 HRS	MICROSCOPY CULTURE/SENSITIVITY.	72 HOURS
CYSTICERCOSIS ELISA	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 6 HRS, REFRIGERATED 72 HRS, FROZEN 2 WEEKS	24 HRS	ELISA	AFTER 5 DAYS O/S(RANBAXY)
C S F (CELL COUNT / CELL TYPE)	NOT APPLICABLE	CSF	CLEAN STOPPERED PLASTIC TEST TUBE/ RED CAPPED VACUTAINER	5 ML	A -1-2HRS R - 3-5 HRS	NOT APPLICABLE	MICROSCOPY	4 HRS.
CAPD FLUID CELL COUNT	NOT APPLICABLE	CAPD FLUID.	CLEAN STOPPERED PLASTIC TEST TUBE/ RED CAPPED VACUTAINER	5 ML	A- 1-2HRS R - 24 HRS	NOT APPLICABLE	MICROSCOPY	4 HRS.

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CHROMOSOMAL ANALYSIS - HEMAT.DIS.BMA	NOT APPLICABLE	BONE MARROW - RECENT CBC REPORT	HEPARIN VACUTAINER	3.0 ML (1.5 ML)	R: 48 HRS	NOT APPLICABLE	CELL CULTURE	20 DAYS
CHROMOSOMAL ANALYSIS - POC	CLINICAL HISTORY	1 ST TRIMESTER: CHORIONIC VILLI 2ND OR 3 RD TRIMESTER: PLACENTAL VILLI	2 STERILE RED TOP VACUTAINERS, CONTAINING STERILE SALINE WITH 3-4 DROPS OF PROCAINE PENICILLIN OR GENTAMICIN	10 GM	A/R :48 HRS	NOT APPLICABLE	FISH	20 DAYS
CLOT RETRACTION TIME	NOT APPLICABLE	WB	RED TOP VACUTAINER	3 ML	A : IMMEDIATE	NOT APPLICABLE	MANUAL	24 HRS
COMPLETE BLOOD COUNT [CBC]	NOT APPLICABLE	W B	K2- EDTA VACUTAINER	3 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	AUTOMATED CELL COUNTER/ MICROSCOPY	4 HRS

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COMPLETE HAEMOGRAM	NOT APPLICABLE	W B	K2- EDTA VACUTAINER	3 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	AUTOMATED CELL COUNTER/ MICROSCOPY	4 HRS
COMPREHENSIVE CLL PANEL (OUTSOURCED TO DABUR ONCQUEST)	NOT APPLICABLE	WB/ BMA	SODIUM HEPARIN VACUTAINER	7 – 8 ML WB/ 4 - 5 ML. BMA IN TWO GREEN TOP TUBES	20-25°C DO NOT FREEZE.	NOT APPLICABLE	FLOW CYTOMETRY	1 WEEK
CYTOCHEMISTRY PAS	NOT APPLICABLE	REPRESENTATIVE BONE MARROW ASPIRATE / SMEARS / PBS + CLINICAL HISTORY	UNFIXED SMEARS	MINIMUM 6 SMEARS BMA + PBS	A: 24 HR	NOT APPLICABLE	MICROSCOPY	48 HOURS
CYTOCHEMISTRY-MPO	NOT APPLICABLE	REPRESENTATIVE BONE MARROW ASPIRATE / SMEARS / PBS + CLINICAL HISTORY	UNFIXED SMEARS	MINIMUM 6 SMEARS BMA + PBS	A: 24 HR	NOT APPLICABLE	MICROSCOPY	48 HOURS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
CYTOCHEMISTRY-NSE	NOT APPLICABLE	REPRESENTATIVE BONE MARROW ASPIRATE / SMEARS / PBS + CLINICAL HISTORY	UNFIXED SMEARS	MINIMUM 6 SMEARS BMA + PBS	A: 24 HR	NOT APPLICABLE	MICROSCOPY	48 HOURS
CARBAMAZEPINE (TEGRETOL)	NONE	BLOOD	RED CAPPED VACUTAINER, DONOT INVERT THE TUBE. DONOT USE GEL BARRIER TUBE	4 ML	REFRIGERATED 1 WEEK FROZEN 2 WEEKS	24 HRS	CHEMILUMINESCENCE	3 DAYS, O/S (ANAND LAB)
CHOLINESTERASE (PSEUDO)	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	2 TO 25 C FOR 1 YEAR	24 HRS	SPECTROPHOTOMETRY	3 HRS
CERULOPLASMIN	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 1 WEEK FROZEN 2 WEEKS	24 HRS	IMMUNOTURBIDIMETRY	7 DAYS, O/S

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<b>TEST NAME</b>	<b>PATIENT PREPARATION</b>	<b>TYPE OF SAMPLE</b>	<b>TYPE OF CONTAINER</b>	<b>QUANTITY OF SAMPLE REQUIRED</b>	<b>STABILITY S/P/U/CSF</b>	<b>SAMPLE COLLECTION TIME</b>	<b>METHOD</b>	<b>TURN AROUND TIME</b>
CHOLESTEROL (TOTAL)	FASTING SAMPLE IS REQUIRED	BLOOD	RED CAPPED VACUTAINER	4 ML	2 TO 8 C FOR 7 DAYS	FASTING	CHOD-PAP	3 HRS
CREATININE	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	2 TO 25 C FOR 7 DAYS	24 HRS	ALKALINE PICRATE (JAFFE'S)	3 HRS
CREATININE (24 HRS URINE)	NONE	URINE	CONTAINER WITHOUT PRESERVATIVE/10 ML 6N HCL	10 ML	2 TO 8 C FOR 1 WEEK	AFTER 24 HRS COLLECTION	ALKALINE PICRATE (JAFFE'S)	3 HRS
CREATININE (SPOT URINE)	NONE	URINE	CONTAINER WITHOUT PRESERVATIVE	10 ML	2 TO 8 C FOR 1 WEEK	24 HRS	ALKALINE PICRATE (JAFFE'S)	3 HRS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
CREATININE CLEARANCE (24 HRS URINE)	NONE	BLOOD / 24 HOURS URINE	RED CAPPED VACUTAINER / CONTAINER WITHOUT PRESERVATIVE/10 ML 6N HCL	4 ML BLOOD / 10 ML URINE	2 TO 25 C FOR 7 DAYS FOR BLOOD / 2 TO 8 C FOR 1 WEEK FOR URINE	AFTER 24 HRS COLLECTION	ALKALINE PICRATE (JAFFE'S)	3 HRS
CALCIUM	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	2 TO 8 C FOR 3 WEEKS 15 TO 25 C FOR 7 DAYS	24 HRS	ARSENAZO III	3 HRS
CALCIUM (24 HRS URINE)	NONE	URINE	10 ML OF 6 N HCL PH<2.0	10 ML	2 TO 8 C FOR 4 DAYS 15 TO 25 C FOR 2 DAYS	AFTER 24 HRS COLLECTION	ARSENAZO III	3 HRS
CALCIUM (SPOT URINE)	NONE	URINE	10 ML OF 6 N HCL PH<2.0	10 ML	2 TO 8 C FOR 4 DAYS 15 TO 25 C FOR 2 DAYS	24 HRS	ARSENAZO III	3 HRS

<b>APOLLO</b>	<b>FORMATS / CHECKLISTS / DATASHEETS</b>	<b>REV. NO.: 0</b>
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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
COPPER	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	2 TO 8 FOR 1 WEEK -20 FOR 2 WEEKS	24 HRS	SPECTROPHOTOMETRY	7 DAYS, O/S (ANAND LAB)
COPPER	NONE	URINE	METAL FREE URINE CONTAINER	10 ML	2 TO 8 FOR 1 WEEK -20 FOR 2 WEEKS	SAMPLE BY MONDAY AND THURSDAY 7 AM	ATOMIC ABSORPTION SPECTROMETRY	7 DAYS, O/S (LALPATH'S)
CALCITONIN	OVERNIGHT FASTING REQUIRED	BLOOD	RED CAPPED VACUTAINER	4 ML	AT -20 FOR 2 WEEKS	FASTING	CHEMILUMINESCENCE	7 DAYS, O/S (APOLLO CHENNAI)
CORTISOL (8 A.M, 4 P.M, & RANDOM)	OVERNIGHT FASTING FOR MORNING SPECIMEN AND 4 HRS FASTING FOR EVENING SPECIMEN SPECIFY DATE AND TIME OF COLLECTION	BLOOD	RED CAPPED VACUTAINER	4 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 48 HRS > 48 HRS AT -20 C	FASTING FOR 8 A.M SAMPLE, 4 HRS FASTING FOR 4 P.M SAMPLE  NO FASTING FOR RANDOM SAMPLE	CHEMILUMINESCENCE	6 HRS

<b>APOLLO</b>	<b>FORMATS / CHECKLISTS / DATASHEETS</b>	<b>REV. NO.: 0</b>
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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
CORTISOL FREE, URINE (24 HRS)	NONE	URINE	URINE CONTAINER WITH PRESERVATIVE (10 GRAMS OF BORIC ACID)	10 ML OF 24 HRS URINE	REFRIGERATED 1 WEEK FROZEN 2 WEEKS	24 HRS	CHEMILUMINESCENCE	7 DAYS, O/S (LALPATH'S)
C – PEPTIDE (FASTING)	OVERNIGHT FASTING REQUIRED	BLOOD	RED CAPPED VACUTAINER	4 ML	FROZEN 2 WEEKS	FASTING	CHEMILUMINESCENCE	7 DAYS, O/S (LALPATH'S)
C – PEPTIDE (POSTPRANDIAL)	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	FROZEN 2 WEEKS	1HRS AFTER BREAKFAST	CHEMILUMINESCENCE	7 DAYS, O/S (LALPATH'S)
CYCLOSPORINE (TROUGH LEVEL)	JUST BEFORE NEXT DOSE IS DUE	BLOOD	LAVENDER CAPPED TUBE- EDTA	4 ML	DO NOT FREEZE TO 8 FOR 72 HRS 2	JUST BEFORE NEXT DOSE IS DUE	ENZYME IMMUNO ASSAY	48 HRS , O/S (ANAND LAB)

<b>APOLLO</b>	<b>FORMATS / CHECKLISTS / DATASHEETS</b>	<b>REV. NO.: 0</b>
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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
CYCLOSPORINE (PEAK LEVEL)	2 HRS AFTER THE DOSE IS GIVEN	BLOOD	LAVENDER CAPPED TUBE-EDTA	4 ML	DO NOT FREEZE 2 TO 8 FOR 72 HRS	2 HRS AFTER THE DOSE IS GIVEN	ENZYME IMMUNO ASSAY	48 HRS , O/S (ANAND LAB)
CK - NAC	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	2 TO 8 C AT 8 TO 12 HRS 15 TO 25 C 4 HRS	24 HRS	UV: NAC ACTIVATED	3 HRS
CK - MB	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	PROTECT FROM LIGHT 2 TO 8 C FOR 7 DAYS 20 TO 25 C 2 DAYS	24 HRS	ENZYME IMMUNO INHIBITION	3 HRS
CHLORIDE	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	HEMOLYSED AND LIPAEMIC SAMPLES TO BE AVOIDED SEPARATE FROM CELLS IMMEDIATELY 2 TO 25 C FOR 7 DAYS	24 HRS	ISE (DIRECT / INDIRECT)	3 HRS

<b>APOLLO</b>	<b>FORMATS / CHECKLISTS / DATASHEETS</b>	<b>REV. NO.: 0</b>
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<b>TEST NAME</b>	<b>PATIENT PREPARATION</b>	<b>TYPE OF SAMPLE</b>	<b>TYPE OF CONTAINER</b>	<b>QUANTITY OF SAMPLE REQUIRED</b>	<b>STABILITY S/P/U/CSF</b>	<b>SAMPLE COLLECTION TIME</b>	<b>METHOD</b>	<b>TURN AROUND TIME</b>
CHLORIDE	NONE	URINE	URINE CONTAINER WITHOUT PRESERVATIVE	10 ML	2 TO 25 FOR 7 DAYS	24 HRS	ISE (DIRECT / INDIRECT)	3 HRS
CHLORIDE	NONE	CSF	STERILE CONTAINER	1 ML	IMMEDIATE	24 HRS	ISE (DIRECT / INDIRECT)	3 HRS
C REACTIVE PROTEIN	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	60 DAYS AT 2 TO 8 C, 11 DAYS AT 15 – 25 C	24 HRS	IMMUNOTURBIDIMETRY	3 HRS
CEA	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 48 HRS > 48 HRS AT -20 C	24 HRS	CHEMILUMINESCENCE	6 HRS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
CA 125	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 48 HRS > 48 HRS AT -20 C	24 HRS	CHEMILUMINESCENCE	6 HRS
CA 19.9	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 48 HRS > 48 HRS AT -20 C	24 HRS	CHEMILUMINESCENCE	6 HRS
CA 15.3	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 48 HRS > 48 HRS AT -20 C	24 HRS	CHEMILUMINESCENCE	6 HRS
CATECHOLAMINES (PLASMA)	PATIENT SHOULD BE AT REST (SUPINE) FOR 30 MINS IMMERSE SPECIMEN IMMEDIATELY IN ICE WATER SEPARATE PLASMA WITHIN 10 MINS TRANSFER	PLASMA	FOUR SPECIAL GREEN TOP VACUTAINER SODIUM HEPARIN CONTAINING 5 MG SODIUM METABISULPHITE AVAILABLE FROM LALPATH'S LAB	8 ML	FROZEN 2 WEEKS	SAMPLE BY FRIDAY 7AM	HPLC	7 DAYS, O/S (LALPATH'S)

<b>APOLLO</b>	<b>FORMATS / CHECKLISTS / DATASHEETS</b>	<b>REV. NO.: 0</b>
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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
	INTO A PLASTIC CONTAINER AND FREEZE IMMEDIATELY. DRUG RESTRICTIONS REFER LAST PAGE							
CYTOLOGY NON – GYNAECOLOGICAL SMEARS	NONE	FIXED AND AIR DRIED UNSTAINED SMEARS	COPLIN JARS WITH 80% ISOPROPYL ALCOHOL	NONE	NONE	24 HRS	MANUAL AND MICROSCOPY	48HOURS
CYTOLOGY BODY FLUIDS	NONE	BODY FLUID DIRECTLY	STERILE PLASTIC CAPPED CONTAINERS	NONE	TAPPED BODY FLUID TO BE SENT FRESH TO LAB	24 HRS	MANUAL AND MICROSCOPY	48HOURS
CYTOLOGY PAP SMEARS (GYNAEC SMEARS)	NONE	FIXED UNSTAINED SMEARS	COPLIN JARS WITH 80% ISOPROPYL ALCOHOL	NONE	NONE	24 HRS	MANUAL AND MICROSCOPY	48HOURS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
DENGUE IGG	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 6 HRS, REFRIGERATED 72 HRS, FROZEN 2 WEEKS	24 HRS	ELISA	AFTER 24 HOURS
DENGUE IGM	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 6 HRS, REFRIGERATED 72 HRS, FROZEN 2 WEEKS	24 HRS	ELISA	AFTER 24 HOURS
DIFFERENTIAL LEUCOCYTIC COUNT	NOT APPLICABLE	W B- K3 EDTA	K2- EDTA VACUTAINER	3 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	AUTOMATED CELL COUNTER/ MICROSCOPY	4 HRS
DRAINAGE TUBE ASPERATE FLUID FOR ANALYSIS	NOT APPLICABLE	DRAIN FLUID.	CLEAN STOPPERED PLASTIC TEST TUBE/ RED CAPPED VACUTAINER	5 ML	A 1-2 HRS R- 24 HRS	NOT APPLICABLE	MICROSCOPY	4 HRS.

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
D-DIMER	NOT APPLICABLE	PLASMA	3. 2% SODIUM CITRATE VACUTAINER	3.7 ML	WB :< 2H PPP: A <4 HR R<24H -20°C -3 WEEKS -80°C- 3 MONTHS	NOT APPLICABLE	IMMUNO TURBIDOMETRY	4 HOURS
DEL QUEST 13 Q ( OUTSOURCED TO DABUR ONQUEST)	NOT APPLICABLE	WHOLE BLOOD/ BONE MARROW	SODIUM HEPARIN VACUTAINER	4-5ML BLOOD /2-3 ML BONE MARROW	20-25 ° C	NOT APPLICABLE	FISH	6 DAYS
<i>DIRECT COOMBS TEST</i>	NA	WB	EDTA VACUTAINER	2ML	24 HRS	NA	TUBE METHOD	3 HRS
DIGOXIN	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 1 WEEK FROZEN 2 WEEKS	24 HRS	CHEMILUMINESCENCE	72 HRS , O/S (ANAND LAB)

<b>APOLLO</b>	<b>FORMATS / CHECKLISTS / DATASHEETS</b>	<b>REV. NO.: 0</b>
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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
DRUGS OF ABUSE: AMPHETAMINE	NONE	URINE	URINE CONTAINER WITHOUT PRESERVATIVE	15 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 3 DAYS	24 HRS	FLOW CHROMATOGRAP HIC	2 HRS
DRUGS OF ABUSE: BARBITURATES	NONE	URINE	URINE CONTAINER WITHOUT PRESERVATIVE	15 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 3 DAYS	24 HRS	FLOW CHROMATOGRAP HIC	2 HRS
DRUGS OF ABUSE: BENZODIAZEPINE S	NONE	URINE	URINE CONTAINER WITHOUT PRESERVATIVE	15 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 3 DAYS	24 HRS	FLOW CHROMATOGRAP HIC IMMUNOASSAY	2 HRS
DRUGS OF ABUSE: CANNABINOIDS (MARIJUANA)	NONE	URINE	URINE CONTAINER WITHOUT PRESERVATIVE	15 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 3 DAYS	24 HRS	FLOW CHROMATOGRAP HIC IMMUNOASSAY	2 HRS

<b>APOLLO</b>	<b>FORMATS / CHECKLISTS / DATASHEETS</b>	<b>REV. NO.: 0</b>
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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
DRUGS OF ABUSE: COCAINE	NONE	URINE	URINE CONTAINER WITHOUT PRESERVATIVE	15 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 3 DAYS	24 HRS	FLOW CHROMATOGRAP HIC IMMUNOASSAY	2 HRS
DRUGS OF ABUSE: OPIATES (MORPHINE)	NONE	URINE	URINE CONTAINER WITHOUT PRESERVATIVE	15 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 3 DAYS	24 HRS	FLOW CHROMATOGRAP HIC IMMUNOASSAY	2 HRS
DRUGS OF ABUSE: METHAMPHETAMI NE	NONE	URINE	URINE CONTAINER WITHOUT PRESERVATIVE	15 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 3 DAYS	24 HRS	FLOW CHROMATOGRAP HIC IMMUNOASSAY	2 HRS
DRUGS OF ABUSE: PHENYCYCLIDINE (PCP)	NONE	URINE	URINE CONTAINER WITHOUT PRESERVATIVE	15 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 3 DAYS	24 HRS	FLOW CHROMATOGRAP HIC IMMUNOASSAY	2 HRS

<b>APOLLO</b>	<b>FORMATS / CHECKLISTS / DATASHEETS</b>	<b>REV. NO.: 0</b>
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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
DRUGS OF ABUSE: TCA	NONE	URINE	URINE CONTAINER WITHOUT PRESERVATIVE	15 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 3 DAYS	24 HRS	FLOW CHROMATOGRAP HIC IMMUNOASSAY	2 HRS
DRUGS- METANEPHRINES,	DRUGS - METHYLDOPHA , ISOPROTEREN OL, NITRATES, MINOXIDIL, HYDRALAZINE AND CIGARETTE SMOKING AND CAFFEINE TO BE AVOIDED 72 HRS BEFORE COLLECTION	URINE	URINE CONTAINER WITH PRESERVATIVE 20 ML OF 6 N HCL	10 ML	2 TO 8 C FOR 15 DAYS WITH ADJUSTMENT OF PH <3.0	AFTER 24 HRS COLLECTION	COLUMN CHROMATOGRAP HY	72 HRS
DHEA	OVERNIGHT FASTING REQUIRED, SPECIFY AGE AND SEX ON THE TEST REQUEST FORM	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 1 WEEK FROZEN 2 WEEKS	DONE ONCE A WEEK FASTING SAMPLE TO BE GIVEN ON MONDAY	ENZYME IMMUNO ASSAY	4 DAYS, O/S (LALPATH'S)

<b>APOLLO</b>	<b>FORMATS / CHECKLISTS / DATASHEETS</b>	<b>REV. NO.: 0</b>
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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
DHEAS	OVERNIGHT FASTING REQUIRED, SPECIFY AGE AND SEX ON THE TEST REQUEST FORM	BLOOD	RED CAPPED VACUTAINER	4 ML	2 TO 8 C 2 DAYS AND FROZEN 4 WEEKS	FASTING MORNING COLLECTION	CHEMILUMINESCENCE	7 DAYS, O/S (APOLLO CHENNAI)
EAR CULTURE	NONE	EAR SWAB/ MIDDLE EAR EFFUSION	STERILE CULTURE COLLECTING SWAB	2 SWAB	ROOM 2 HRS, REFRIGERATED 24 HRS, FROZEN NA	24 HRS	MICROSCOPY CULTURE/SENSITIVITY.	48 HOURS
EBV(EPSTEIN BAR VIRUS)VCA	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 6 HRS, REFRIGERATED 72 HRS, FROZEN 2 WEEKS	24 HRS	IMMUNO FLUORESCENCE IF	AFTER 2 DAYS O/S(ANAND DIAGNOSTICS)
ENTAMOEBA HISTOLYTICA ANTIBODIES (EIA)	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 6 HRS, REFRIGERATED 72 HRS, FROZEN 2 WEEKS	24 HRS	ELISA	AFTER 5 DAYS O/S(RANBAXY)

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
EYE CULTURE	NONE	EYE SWAB/CONJUCTIVAL SWAB/CORNEAL SWAB	STERILE CULTURE COLLECTING SWAB	2 SWAB	ROOM 2 HRS, REFRIGERATED 24 HRS, FROZEN NA	24 HRS	MICROSCOPY CULTURE/SENSITIVITY.	72 HOURS
ERYTHROCYTE SEDIMENTATION RATE (ESR)	NOT APPLICABLE	W B	3.8% SODIUM CITRATE VACUTAINER	2 ML	A- 2HRS	NOT APPLICABLE	AUTOMATED-MODIFIED WESTEGRENS	4 HRS.
ELECTROPHORESIS, PROTEIN (U)	NONE	URINE	URINE CONTAINER WITHOUT PRESERVATIVE	20 ML	REFRIGERATED 1 WEEK FROZEN 2 WEEKS	24 HRS	ELECTROPHORESIS (CAPILLARY)	3 DAYS, O/S (ANAND LAB)
ELECTROPHORESIS, PROTEIN (S)	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 1 WEEK FROZEN 2 WEEKS	24 HRS	ELECTROPHORESIS (CAPILLARY)	3 DAYS, O/S (ANAND LAB)

<b>APOLLO</b>	<b>FORMATS / CHECKLISTS / DATASHEETS</b>	<b>REV. NO.: 0</b>
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ESTRADIOL (E2)	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 1 WEEK FROZEN 2 WEEKS	24 HRS	CHEMILUMINESCENCE	7 DAYS, O/S (APOLLO CHENNAI)
ESTRIOL(E3 – UNCONJUGATED) ( USED ONLY IN TRIPLE MARKER TEST )	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 1 WEEK FROZEN 2 WEEKS	24 HRS	CHEMILUMINESCENCE	7 DAYS, O/S (APOLLO CHENNAI)
FLUID CULTURE	NONE	AMNIOTIC FLUID, ASCITIC FLUID, PERICARDIAL FLUID, PERITONEAL FLUID, PLEURAL FLUID, SYNOVIAL FLUID	STERILE CULTURE COLLECTING SWAB	5 -10ML	ROOM 2 HRS, REFRIGERATED 24 HRS, FROZEN NA	24 HRS	MICROSCOPY CULTURE/SENSITIVITY.	72 HOURS
FUNGUS CULTURE	NONE	HAIR SAMPLE, NAIL CLIPPINGS, NAIL SCRAPINGS, SKIN SCRAPINGS.FOR MOST INFECTIONS, TISSUE OR ASPIRATED MATERIAL IS OPTIMAL FOR THE ISOLATION OF INFECTING FUNGUS	STERILE CONTAINER	SAMPLES AS PER THE CULTURE QUANTITY	ROOM 2 HRS, REFRIGERATED 24 HRS, FROZEN NA	24 HRS	MICROSCOPY, CULTURE.	2 WEEKS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
FACTOR V MUTATION STUDIES(OUTSOURCED TO SRL RELIGARE)	NOT APPLICABLE	WB	K2 EDTA VACUTAINER	3 ML	A/R	NOT APPLICABLE	REAL TIME PCR	5 DAYS
FACTOR VIII ASSAY (OUTSOURCED)	NOT APPLICABLE	PLASMA	3. 2% SODIUM CITRATE VACUTAINER	2.7ML / 4.5 ML	WB :< 2H PPP: A <4 HR R<24H -20°C -3 WEEKS -80°C- 3 MONTHS	NOT APPLICABLE	ELECTRO MAGNETIC DETECTION OF CLOT	4 WEEKS
FACTOR IX ACTIVITY (OUTSOURCED TO SRL RELIGARE)	12 HOUR FASTING	PLASMA	3. 2% SODIUM CITRATE VACUTAINER	1.5 ML (1.0 ML)	WB :< 2H PPP: A <4 HR R<24H -20°C -3 WEEKS -80°C- 3 MONTHS	NOT APPLICABLE	ELECTRO MAGNETIC DETECTION OF CLOT	4 WEEKS
FACTOR XIII SCREENING (OUTSOURCED TO SRL RELIGARE)	FASTING	PLASMA	3.2% SODIUM CITRATE VACUTAINER	TWO ALIQUOTS OF 1.5 ML EACH	WB :< 2H PPP: A <4 HR R<24H -20°C -3 WEEKS -80°C- 3 MONTHS	NOT APPLICABLE	CLOT SOLUBILITY	24 HRS

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FACTOR X A ACTIVITY (OUTSOURCED TO SRL RELIGARE)	12 HOUR FASTING	PLASMA	3. 2% SODIUM CITRATE VACUTAINER	1.5 ML (1.0 ML)	WB :< 2H PPP: A <4 HR R<24H -20°C -3 WEEKS -80°C- 3 MONTHS	NOT APPLICABLE	ELECTRO MAGNETIC DETECTION OF CLOT	4 WEEKS
FACTOR X I ACTIVITY (OUTSOURCED TO SRL RELIGARE)	12 HOUR FASTING	PLASMA	3. 2% SODIUM CITRATE VACUTAINER	1.5 ML (1.0 ML)	WB :< 2H PPP: A <4 HR R<24H -20°C -3 WEEKS -80°C- 3 MONTHS	NOT APPLICABLE	ELECTRO MAGNETIC DETECTION OF CLOT	4 WEEKS
FACTOR IX/XII ACTIVITY (OUTSOURCED TO SRL RELIGARE)	12 HOUR FASTING	PLASMA	3. 2% SODIUM CITRATE VACUTAINER	1.5 ML (1.0 ML)	WB :< 2H PPP: A <4 HR R<24H -20°C -3 WEEKS -80°C- 3 MONTHS	NOT APPLICABLE	ELECTRO MAGNETIC DETECTION OF CLOT	4 WEEKS
FACTOR VII ACTIVITY (OUTSOURCED TO SRL RELIGARE)	12 HOUR FASTING	PLASMA	3. 2% SODIUM CITRATE VACUTAINER	1.5 ML (1.0 ML)	WB :< 2H PPP: A <4 HR R<24H -20°C -3 WEEKS -80°C- 3 MONTHS	NOT APPLICABLE	ELECTRO MAGNETIC DETECTION OF CLOT	4 WEEKS

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FACTOR V SCREENING (OUTSOURCED TO SRL RELIGARE)	12 HOUR FASTING	PLASMA	3. 2% SODIUM CITRATE VACUTAINER	1.5 ML (1.0 ML)	WB :< 2H PPP: A <4 HR R<24H -20°C -3 WEEKS -80°C- 3 MONTHS	NOT APPLICABLE	ELECTRO MAGNETIC DETECTION OF CLOT	4 WEEKS
FLOWCYTOMETRY PNH PANEL ( OUTSOURCED TO DABUR ONQUEST)	NOT APPLICABLE	WHOLE BLOOD/ BONE MARROW	SODIUM HEPARIN VACUTAINER	3-4ML BLOOD /1- 2 ML BONE MARROW	20-25 °C	NOT APPLICABLE	FLOW CYTOMETRY	4 DAYS
FAECAL FAT	NOT APPLICABLE	STOOL.	50 ML PLASTIC CONTAINER WITH SPOON IN THE LID	5 GM	A: 6 HRS	NOT APPLICABLE	MICROSCOPY	4HRS
FETAL HAEMOGLOBIN	NOT APPLICABLE	WB	K2- EDTA VACUTAINER	3 ML	A- 4 DAYS R- 7DAYS	NOT APPLICABLE	ELECTROPHORE SIS	7 DAYS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
FIBRINOGEN	NOT APPLICABLE	PLASMA	3.2% SODIUM CITRATE	2.7 ML/4.5 ML	A:1-7 DAYS F:30 DAYS	NOT APPLICABLE	CLAUSS : AUTOMATED	4 HRS
FIBRIN DEGRADATION PRODUCTS	NOT APPLICABLE	PLASMA	3.2% SODIUM CITRATE	2.7 ML/4.5 ML	A: 3HRS R:24 HRS F: 30 DAYS	NOT APPLICABLE	LATEX AGGLUTINATION	4 HRS
FLOW CYTOMETRY - AML PANEL (OUTSOURCED TO DABUR ONCQUEST)	NOT APPLICABLE	WB/ BMA	SODIUM HEPARIN VACUTAINER	5- 6 ML WB/ 3- 4 ML. BMA IN TWO GREEN TOP TUBES	20-25°C DO NOT FREEZE.	NOT APPLICABLE	FLOW CYTOMETRY	3 DAYS
FLOW CYTOMETRY ALL-B PANEL (OUTSOURCED TO DABUR ONCQUEST)	NOT APPLICABLE	WB/ BMA	SODIUM HEPARIN VACUTAINER	4-5 ML WB/ 2- 3ML. BMA IN TWO GREEN TOP TUBES	20-25°C DO NOT FREEZE.	NOT APPLICABLE	FLOW CYTOMETRY	3 DAYS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
FLOWCYTOMETRY (OUTSOURCED TO DABUR ONCQUEST)	NOT APPLICABLE	WB/ BMA	SODIUM HEPARIN VACUTAINER	7 – 8 ML WB/ 4 - 5 ML. BMA IN TWO GREEN TOP TUBES	20-25°C DO NOT FREEZE.	NOT APPLICABLE	FLOW CYTOMETRY	3 DAYS
FERRITIN	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 48 HRS > 48 HRS AT -20 C	24 HRS	CHEMILUMINESCENCE	6 HRS
FOLIC ACID	OVERNIGHT FASTING REQUIRED	BLOOD	RED CAPPED VACUTAINER	4 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 48 HRS > 48 HRS AT -20 C TO BE PROTECTED FROM LIGHT	FASTING	CHEMILUMINESCENCE	24 HRS
FOLLICLE STIMULATING HORMONE (FSH)	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 48 HRS > 48 HRS AT -20 C	24 HRS	CHEMILUMINESCENCE	6 HRS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
FREE THYROXINE, FREE T4	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 48 HRS > 48 HRS AT -20 C	24 HRS	CHEMILUMINESCENCE	6 HRS
FREE TRIIODOTHYRONINE, FREE T3	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 48 HRS > 48 HRS AT -20 C	24 HRS	CHEMILUMINESCENCE	6 HRS
FREE INSULIN	OVERNIGHT FASTING REQUIRED SAMPLE BY 7TH OF THE MONTH	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 1 WEEK FROZEN 4 WEEKS	FASTING MORNING COLLECTION	RADIO IMMUNO ASSAY	3 WEEKS, O/S (LALPATH'S - USA)
FOOD ALLERGY PROFILE IGE	WITHIN 2 HOURS OF FOOD CONSUMPTION	SERUM OR PLASMA	RED CAP	4 ML	2-8°C	WITHIN TWO HOURS FOOD CONSUMPTION	BLOT TECHNIQUE AGAINST IGE CLASS ANTIBODIES FOR FOOD ALLERGENS.	3 WORKING DAYS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
FROZEN SECTION	--	ANATOMICAL PARTS	PLASTIC NON-PERFORATING CLEAN AND CAPPED	--	--	--	AUTOMATED AND MANUAL METHOD	15-30MINS
FNAC	PATIENT IS BRIEFED ABOUT THE PROCEDURE CONSENT TAKEN	ASPIRATION FROM SWELLING	COPLIN JARS WITH 80% ISOPROPYL ALCOHOL AND AIR DRIED SMEARS	--	--	--	MANUAL AND MICROSCOPY	48HOURS
GRAM STAIN	NONE	ANY SPECIMEN	STERILE CONTAINER	SAMPLES AS PER THE CULTURE QUANTITY	ROOM 2 HRS, REFRIGERATED 24 HRS, FROZEN NA	24 HRS	MICROSCOPY	AFTER 6 HOURS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
GLUCOSE PHOSPHATE DEHYDROGENASE	NOT APPLICABLE	WB	K2- EDTA VACUTAINER	3 ML	A: 3 HRS R:24 HRS	NOT APPLICABLE	DYE DECOLOURISATION (QUALITATIVE)	4 HRS
GAMMA GT (GGT)	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	2 TO 25 FOR 7 DAYS	24 HRS	GLUTAMYL-3-CO-4-NO-ANILIDE	3 HRS
GLUCAGON	NONE	BLOOD	LAVENDER CAPPED TUBE-EDTA	3 ML	FROZEN FOR 4 WEEKS	SAMPLE BY 7TH OF THE MONTH	RIA	O/S (LALPATH'S - USA) REPORT AFTER 3 WEEKS
GASTRIN	OVERNIGHT FASTING REQUIRED	BLOOD	RED CAPPED VACUTAINER	4 ML	FROZEN FOR 2 WEEKS	FASTING	CHEMILUMINESCENCE	7 DAYS, O/S (LALPATH'S)
GLYCOSYLATED HEMOGLOBIN	NONE	BLOOD	LAVENDER CAPPED TUBE-EDTA	3 ML	2 TO 8 FOR 7 DAYS 15 TO 30 FOR 3 DAYS	24 HRS	HPLC	6 HRS
GROWTH HORMONE (GH)	OVERNIGHT FASTING REQUIRED	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 8 HRS FROZEN 2 MONTHS	FASTING	CHEMILUMINESCENCE	7 DAYS, O/S (APOLLO CHENNAI)
IGF BINDING PROTEIN -3 (IGFBP 3)	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 1 WEEK FROZEN 2 WEEKS	24 HRS	CHEMILUMINESCENCE	7 DAYS O/S

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
IONISED CALCIUM	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 1 WEEK FROZEN 2 WEEKS	24 HRS	ISE - DIRECT	3 HRS
IMMUNOHISTOCHEMISTRY	NONE	ANATOMICAL TISSUE /PARAFFIN BLOCK	PLASTIC NON-PERFORATING CLEAN AND CAPPED	--	--	--	AUTOMATED AND MANUAL METHOD	2-3 DAYS
GLUCOSE (FASTING)	OVERNIGHT FASTING REQUIRED	BLOOD	RED CAPPED VACUTAINER	4 ML	SEPARATE SERUM AS SOON AS POSSIBLE AND TO BE DONE IMMEDIATELY	FASTING	HEXOKINASE/GLUCOSE-6-PHOSPHATE DEHYDROGENASE	3 HRS
GLUCOSE (POSTPRANDIAL)	TWO HOURS AFTER BREAKFAST	BLOOD	RED CAPPED VACUTAINER	4 ML	SEPARATE SERUM AS SOON AS POSSIBLE AND TO BE DONE IMMEDIATELY	2 HRS AFTER BREAKFAST	HEXOKINASE/GLUCOSE-6-PHOSPHATE DEHYDROGENASE	3 HRS
GLUCOSE (RANDOM)	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	SEPARATE SERUM AS SOON AS POSSIBLE AND TO BE DONE IMMEDIATELY	24 HRS	HEXOKINASE/GLUCOSE-6-PHOSPHATE DEHYDROGENASE	3 HRS
GLUCOSE (POST LUNCH)	TWO HOURS AFTER LUNCH	BLOOD	RED CAPPED VACUTAINER	4 ML	SEPARATE SERUM AS SOON AS POSSIBLE AND TO BE DONE IMMEDIATELY	2 HRS AFTER LUNCH	HEXOKINASE/GLUCOSE-6-PHOSPHATE DEHYDROGENASE	3 HRS
GLUCOSE (POST DINNER)	TWO HOURS AFTER DINNER	BLOOD	RED CAPPED VACUTAINER	4 ML	SEPARATE SERUM AS SOON AS POSSIBLE AND TO BE DONE IMMEDIATELY	2 HRS AFTER DINNER	HEXOKINASE/GLUCOSE-6-PHOSPHATE DEHYDROGENASE	3 HRS
GCT (50 GMS)	PREGNANT WOMEN GIVEN 50 GM OF GLUCOSE LOAD	BLOOD	RED CAPPED VACUTAINER	4 ML	SEPARATE SERUM AS SOON AS POSSIBLE AND TO BE DONE IMMEDIATELY	1 HR AFTER GLUCOSE LOAD	HEXOKINASE/GLUCOSE-6-PHOSPHATE DEHYDROGENASE	4 HRS

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GCT (50 GMS)	PREGNANT WOMEN	COLLECT URINE AT THE TIME OF BLOOD COLLECTION	URINE CONTAINER WITHOUT PRESERVATIVE	10 ML	TO BE DONE IMMEDIATELY	1 HR AFTER GLUCOSE LOAD	GOD/POD SEMIQUANTITATIVE	4 HRS
GCT (75 GMS)	PREGNANT WOMEN	BLOOD	RED CAPPED VACUTAINER	4 ML	SEPARATE SERUM AS SOON AS POSSIBLE AND TO BE DONE IMMEDIATELY	24 HRS	HEXOKINASE/GLUCOSE-6-PHOSPHATE DEHYDROGENASE	4 HRS
GCT (75 GMS)	PREGNANT WOMEN	COLLECT URINE AT THE TIME OF BLOOD COLLECTION	URINE CONTAINER WITHOUT PRESERVATIVE	10 ML	TO BE DONE IMMEDIATELY	2 HRS AFTER GLUCOSE LOAD	GOD/POD SEMIQUANTITATIVE	4 HRS
GTT (75 GMS)	MALE / FEMALE 75 GM OF GLUCOSE LOAD GIVEN	BLOOD	RED CAPPED VACUTAINER	4 ML	SEPARATE SERUM AS SOON AS POSSIBLE AND TO BE DONE IMMEDIATELY	FASTING 1HR AND 2 HR AFTER 75 GMS OF GLUCOSE LOAD	HEXOKINASE/GLUCOSE-6-PHOSPHATE DEHYDROGENASE	4 HRS
GTT (75 GMS)	MALE / FEMALE 75 GM OF GLUCOSE LOAD GIVEN	COLLECT URINE AT THE TIME OF EACH BLOOD COLLECTION	URINE CONTAINER WITHOUT PRESERVATIVE	10 ML	TO BE DONE IMMEDIATELY	FASTING 1HR AND 2 HR AFTER 75 GMS OF GLUCOSE LOAD	GOD/POD SEMIQUANTITATIVE	4 HRS
GTT (100 GMS)	MALE / FEMALE 100 GM OF GLUCOSE LOAD GIVEN	BLOOD	RED CAPPED VACUTAINER	4 ML	SEPARATE SERUM AS SOON AS POSSIBLE AND TO BE DONE IMMEDIATELY	FASTING 1HR ,2HR AND 3 HR AFTER 100 GMS OF GLUCOSE LOAD	HEXOKINASE/GLUCOSE-6-PHOSPHATE DEHYDROGENASE	7 HRS
GTT (100 GMS)	MALE / FEMALE 100 GM OF GLUCOSE GIVEN	COLLECT URINE AT THE TIME OF EACH BLOOD COLLECTION	URINE CONTAINER WITHOUT PRESERVATIVE	10 ML	TO BE DONE IMMEDIATELY	FASTING 1HR , 2 HR AND 3 HRS AFTER 100 GMS OF GLUCOSE LOAD	GOD/POD SEMIQUANTITATIVE	4 HRS

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GTT (100 GMS)	PREGNANT WOMEN 100 GM OF GLUCOSE GIVEN	BLOOD	RED CAPPED VACUTAINER	4 ML	SEPARATE SERUM AS SOON AS POSSIBLE AND TO BE DONE IMMEDIATELY	FASTING, 1HR ,2HR AND 3 HR AFTER 100 GMS OF GLUCOSE LOAD	HEXOKINASE/GLUCOSE-6-PHOSPHATE DEHYDROGENASE	7 HRS
GTT (100 GMS)	PREGNANT WOMEN	COLLECT URINE AT THE TIME OF EACH BLOOD COLLECTION	URINE CONTAINER WITHOUT PRESERVATIVE	10 ML	TO BE DONE IMMEDIATELY	FASTING 1HR , 2 HR AND 3 HRS AFTER 100 GMS OF GLUCOSE LOAD	GOD/POD SEMIQUANTITATIVE	4 HRS
GLUCOSE URINE (FASTING)	OVERNIGHT FASTING REQUIRED	URINE	URINE CONTAINER WITHOUT PRESERVATIVE	10 ML	TO BE DONE IMMEDIATELY	FASTING	GOD/POD SEMIQUANTITATIVE	3 HRS
GLUCOSE URINE (POSTPRANDIAL)	TWO HOURS AFTER BREAKFAST	URINE	URINE CONTAINER WITHOUT PRESERVATIVE	10 ML	TO BE DONE IMMEDIATELY	2 HRS AFTER BREAKFAST	GOD/POD SEMIQUANTITATIVE	3 HRS
GAD-65 IGG	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 1 WEEK FROZEN 2 WEEKS	SAMPLE BY MONDAY 11 AM DONE ONCE A WEEK	IMMUNODOT ASSAY	7 DAYS, O/S (LALPATH'S)
H.PYLORI IGG (RANBAXY)	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 24 HRS, FROZEN NA	24 HRS	ELISA	AFTER 5 DAYS O/S(RANBAXY)

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H.PYLORI IGM (RANBAXY)	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 24 HRS, FROZEN NA	24 HRS	ELISA	AFTER 5 DAYS O/S(RANBAXY)
HBEAG	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 2 WEEKS	24 HRS	ENZYME LINKED IMMUNOFLUORO SCENCE ASSAY	AFTER 24 HOURS
HBV DNA QUANTITATIVE	NONE	<b>EDTA BLOOD</b>	VIOLET CAPPED VACUTAINER	3ML	SEPARATE ASEPTICALLY PLASMA WITH IN 1 HOUR OF COLLECTION ROOM NA, REFRIGERATED NA, FROZEN 2 WEEKS	24 HRS	PCR	10 DAYS, O/S (APOLLO CHENNAI)
HCV GENOTYPING (1,2,3,4)RT PCR	NONE	<b>EDTA BLOOD</b>	VIOLET CAPPED VACUTAINER	3ML	SEPARATE ASEPTICALLY PLASMA WITH IN 1 HOUR OF COLLECTION ROOM NA, REFRIGERATED NA, FROZEN 2 WEEKS	24 HRS	PCR	10 DAYS, O/S (APOLLO CHENNAI)
HCV RNA PCR	NONE	<b>EDTA BLOOD</b>	VIOLET CAPPED VACUTAINER	3ML	SEPARATE ASEPTICALLY PLASMA WITH IN 1 HOUR OF COLLECTION ROOM NA, REFRIGERATED NA, FROZEN 2 WEEKS	24 HRS	PCR	10 DAYS, O/S (APOLLO CHENNAI)

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
HEPATITIS B SURFACE ANTIGEN (HBS AG)ELFA	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 2 WEEKS	24 HRS	ENZYME LINKED IMMUNOFLUORO SCENCE ASSAY	AFTER 24 HOURS
HEPATITIS B SURFACE ANTIGEN (HBS AG)RAPID	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 2 WEEKS	24 HRS	IMMUNO CHROMATOGRAP HY	AFTER 4 HOURS
HEPATITIS C ANTIBODIES ELISA	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 4 WEEKS	24 HRS	ENZYME IMMUNOASSAY	AFTER 24 HOURS
HEPATITIS C ANTIBODIES RAPID	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 2 WEEKS	24 HRS	IMMUNO CHROMATOGRAP HY	AFTER 4 HOURS

<b>APOLLO</b>	<b>FORMATS / CHECKLISTS / DATASHEETS</b>	<b>REV. NO.: 0</b>
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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
HIV 1/2 AG/AB ELFA	NONE	BLOOD CLOTTED OR SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 4 WEEKS	24 HRS	ENZYME LINKED IMMUNOFLUORO SCENCE ASSAY	AFTER 24 HOURS
HIV 1/2 AG/AB RAPID	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 4 WEEKS	24 HRS	IMMUNO CHROMATOGRAP HY	AFTER 4 HOURS
HIV P24 ANTIGEN	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 4 WEEKS	24 HRS	ENZYME LINKED IMMUNOFLUORO SCENCE ASSAY	AFTER 5 DAYS O/S(RANBAXY)
HIV RNA PCR(VIRAL LOAD)	NONE	<b>EDTA BLOOD</b>	VIOLET CAPPED VACUTAINER	3ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 4 WEEKS	24 HRS	WESTERN BLOT	10 DAYS, O/S (APOLLO CHENNAI)
HIV WESTERN BLOT	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 4 WEEKS	24 HRS	ECLIA	AFTER 24 HOURS

<b>APOLLO</b>	<b>FORMATS / CHECKLISTS / DATASHEETS</b>	<b>REV. NO.: 0</b>
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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
HLA B27	NONE	<b>EDTA BLOOD</b>	VIOLET CAPPED VACUTAINER	3ML	IF A DELAY IN TRANSPORT OR PROCESSING IS ANTICIPATED, KEEP THE SPECIMEN AT <b>ROOM TEMPERATURE. DO NOT FREEZE</b>	24 HRS	FLOW CYTOMETRY	AFTER 2 DAYS O/S(ANAND DIAGNOSTICS)
HPV SCREEN	NONE	GENITAL SWAB/TISSUES/CERVICAL SCRAPING WITH CLINICAL HISTORY.	VIRAL TRANSPORT MEDIA	2 SWAB	ROOM 6HRS , REFRIGERATED NA, FROZEN NA.	24 HRS	PCR	AFTER 5 DAYS O/S(RANBAXY)
HSV 1 & 2 RT PCR (QUANTITATIVE)	NONE	<b>EDTA BLOOD,CSF</b>	VIOLET CAPPED VACUTAINER/STERILE CONTAINER	3ML	SEPARATE ASEPTICALLY PLASMA WITH IN 1 HOUR OF COLLECTION ROOM NA, REFRIGERATED NA, FROZEN 2 WEEKS	24 HRS	PCR	10 DAYS, O/S (APOLLO CHENNAI)
HSV I & II IGG	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 4 WEEKS	IF REACHES BEFORE SUNDAY 2.00 PM	ELISA	AFTER 24 HOURS
HSV I & II IGM	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 4 WEEKS	WEDNESDAY AND SUNDAY	ELISA	AFTER 24 HOURS

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<b>TEST NAME</b>	<b>PATIENT PREPARATION</b>	<b>TYPE OF SAMPLE</b>	<b>TYPE OF CONTAINER</b>	<b>QUANTITY OF SAMPLE REQUIRED</b>	<b>STABILITY S/P/U/CSF</b>	<b>SAMPLE COLLECTION TIME</b>	<b>METHOD</b>	<b>TURN AROUND TIME</b>
HAEMOGLOBIN	NOT APPLICABLE	WB	K2- EDTA VACUTAINER	3 ML	A- 4 DAYS R- 7DAYS	NOT APPLICABLE	AUTOMATED CELL COUNTER/ MICROSCOPY	4 HRS
HAMS TEST	NOT APPLICABLE	WB K3 EDTA	K2- EDTA VACUTAINER	3 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	MANUAL	24 HRS
HEAT STABILITY TEST	NOT APPLICABLE	WB	SODIUM HEPARIN VACUTAINER	3 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	MANUAL	24 HRS
HEINZ BODY TEST	NOT APPLICABLE	W B	K2- EDTA VACUTAINER	3 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	MICROSCOPY	48 HRS

<b>APOLLO</b>	<b>FORMATS / CHECKLISTS / DATASHEETS</b>	<b>REV. NO.: 0</b>
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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
HB ELECTROPHORESIS	NOT APPLICABLE	WB	K2- EDTA VACUTAINER	3 ML	A- 2HRS R- 1 WEEK	NOT APPLICABLE	ELECTROPHORESIS	4 HRS
HB, TLC, DLC,ESR	NOT APPLICABLE	WB	K2- EDTA VACUTAINER	3 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	AUTOMATED CELL COUNTER/ MICROSCOPY	4 HRS
HYDROCELE FLUID CELL COUNT	NOT APPLICABLE	HYDROCELE FLUID.	CLEAN STOPPERED PLASTIC TEST TUBE/ RED CAPPED VACUTAINER	5 ML	A -1-2 HRS R - 24 HRS	NOT APPLICABLE	MICROSCOPY	4 HRS
HOMOCYSTEINE	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 1 WEEK FROZEN 2 WEEKS	24 HRS	NEPHELOMETRY	72 HRS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
HDL CHOLESTEROL	OVERNIGHT FASTING REQUIRED	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 1 WEEK FROZEN 2 WEEKS	FASTING	DIRECT	3 HRS
IGM, IGA, IGG	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 4 WEEKS	24 HRS	NEPHELOMETRY	AFTER 2 DAYS O/S(ANAND DIAGNOSTICS)
IGM CHIKANGUNYA CARD TEST	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 4 WEEKS	24 HRS	IMMUNO CHROMATOGRAPHY	AFTER 4 HOURS
INTRA UTRINE INSEMINATION( I U I SAMPLE PREPARATION)	3 DAYS ABSTINENCE	SEMEN	STERRILE PLASTIC CONTAINER	1-2 ML	A 30 MINS	NOT APPLICABLE	-----	2 HRS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
IGF BINDING PROTEIN –3 (IGFBP 3)	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 1 WEEK FROZEN 2 WEEKS	24 HRS	CHEMILUMINESCENCE	7 DAYS O/S
IONISED CALCIUM	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 1 WEEK FROZEN 2 WEEKS	24 HRS	ISE - DIRECT	3 HRS
INSULIN (FASTING)	OVERNIGHT FASTING REQUIRED	BLOOD	RED CAPPED VACUTAINER	4 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 48 HRS > 48 HRS AT -20 C	FASTING	CHEMILUMINESCENCE	6 HRS
INSULIN (POSTPRANDIAL)	TWO HOURS AFTER BREAKFAST	BLOOD	RED CAPPED VACUTAINER	4 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 48 HRS > 48 HRS AT -20 C	1 HR AFTER BREAKFAST	CHEMILUMINESCENCE	6 HRS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
IRON	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 1 WEEK FROZEN 2 WEEKS	24 HRS	SPECTROPHOTOMETRY	3 DAYS, O/S (ANAND LAB)
INSULIN LIKE GROWTH FACTOR-1	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 1 WEEK FROZEN 2 WEEKS	24 HRS	ENZYME IMMUNO ASSAY	7 DAYS, O/S (APOLLO CHENNAI)
INDIRECT COOMBS TEST	NA	SERUM	PLAIN (RED TOP) VACUTAINER	2ML	24HRS	NA	TUBE METHOD	3 HRS
JAK 2 MUTATION ANALYSIS	NOT APPLICABLE	PERIPHERAL BLOOD	K2 EDTA VACUTAINER	3 ML	A: 24 HRS R :3 DAYS	NOT APPLICABLE	PCR	5 DAYS
KARYOTYPING	NOT APPLICABLE	BONE MARROW OR PERIPHERAL BLOOD.	SODIUM HEPARIN VACUTAINER	2 -3 ML/4 - 5 ML	A:24 HRS	NOT APPLICABLE	CONVENTIONAL KARYOTYPING	15-20 DAYS

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<b>TEST NAME</b>	<b>PATIENT PREPARATION</b>	<b>TYPE OF SAMPLE</b>	<b>TYPE OF CONTAINER</b>	<b>QUANTITY OF SAMPLE REQUIRED</b>	<b>STABILITY S/P/U/CSF</b>	<b>SAMPLE COLLECTION TIME</b>	<b>METHOD</b>	<b>TURN AROUND TIME</b>
LEPTOSPIRA IGM (ELISA)	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 4 WEEKS	24 HRS	ELISA	AFTER 24 HOURS
LIVER KIDNEY MICROsome AUTOANTIBODIES	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 4 WEEKS	24 HRS	ELISA	AFTER 7 DAYS O/S(RANBAXY)
LYMES IGG	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 4 WEEKS	24 HRS	ELISA	AFTER 7 DAYS O/S(RANBAXY)
LYMES IGM	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 4 WEEKS	24 HRS	ELISA	AFTER 7 DAYS O/S(RANBAXY)

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
L.E CELL	NOT APPLICABLE	WB	K2- EDTA /HEPARIN VACUTAINER	3 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	MICROSCOPY	4HRS
LAP SCORE	NOT APPLICABLE	PBS + CLINICAL HISTORY	UNFIXED SMEARS	2 PBS	A: 6 HR	NOT APPLICABLE	MICROSCOPY	4 HOURS
LIVER ASPIRATE ANALYSIS	NOT APPLICABLE	LIVER ASPIRATE FLUID.	CLEAN STOPPERED PLASTIC TEST TUBE/ RED CAPPED VACUTAINER	5 ML	R – 30 MIN F – 24 HRS	NOT APPLICABLE	MICROSCOPY	4 HRS.
LUPUS ANTICOAGULANT STUDY	NOT APPLICABLE	PLASMA	3. 2% SODIUM CITRATE VACUTAINER	2.7ML / 4.5 ML	WB : 2H PPP: A :4 HR -20°C -3 WEEKS -80°C- 6 MONTHS	NOT APPLICABLE	ELECTRO MECHANICAL DETECTION OF CLOT	4 HRS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
LYMPHOMA DIAGNOSTIC PANEL (OUT SOURCED TO DABUR ONCQUEST)	NOT APPLICABLE	WB/ BMA	SODIUM HEPARIN VACUTAINER	7 – 8 ML WB/ 4 - 5 ML. BMA IN TWO GREEN TOP TUBES	20-25°C DO NOT FREEZE.	NOT APPLICABLE	FLOW CYTOMETRY	1 WEEK
LACTATE DEHYDROGENASE (LDH)	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	2 TO 8 C FOR 4 DAYS 15 TO 25 C FOR 7 DAYS	24 HRS	LACTATE - PYRUVATE UV	3 HRS
LDL CHOLESTEROL (DIRECT)	OVERNIGHT FASTING REQUIRED	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 1 WEEK FROZEN 2 WEEKS	FASTING	DIRECT	3 HRS
LIPASE	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	2 TO 8 C FOR 3 WEEKS 15 TO 25 C FOR 7 DAYS	24 HRS	COLORIMETRIC	3 HRS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
LIPOPROTEIN @	OVERNIGHT FASTING REQUIRED	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 1 WEEK FROZEN 4 WEEKS	FASTING	IMMUNOTURBITIMETRY	3 DAYS, O/S (ANAND LAB'S)
LITHIUM (COLLECT 12 HOURS POST MEDICATION)	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 1 WEEK 24 HRS AT ROOM TEMPERATURE	24 HRS	ISE DIRECT	3 HRS
L-LACTATE (PLASMA)	NONE	BLOOD	GREY COLOURED VACUTAINER SODIUM FLUORIDE	2 ML	PLASMA TO BE SEPARATED IMMEDIATELY AND DONE IMMEDIATELY	24 HRS	ISE DIRECT	3 HRS
LEAD	NONE	BLOOD	EDTA TUBE-LAVENDER CAPPED	4 ML	2 TO 8 C FOR 72 HRS	SAMPLE BY SUNDAY OR WEDNESDAY 11 AM	ATOMIC ABSORPTION SPECTROMETRY	7 DAYS, O/S (LALPATH'S)
MANTOUX SKIN TEST	PPD INJECTION	NONE	NONE	NONE	NONE	24 HRS	INTRADERMAL TEST	AFTER 48 ,72 HOURS

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MEASLES IGG	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 4 WEEKS	24 HRS	ELISA	AFTER 7 DAYS O/S(RANBAXY)
MEASLES IGM	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 4 WEEKS	24 HRS	ELISA	AFTER 7 DAYS O/S(RANBAXY)
MUMPS IGG	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 4 WEEKS	24 HRS	ELISA	AFTER 7 DAYS O/S(RANBAXY)
MUMPS IGM	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 4 WEEKS	24 HRS	ELISA	AFTER 7 DAYS O/S(RANBAXY)

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MYCOPLASMA PNEUMONIE IGM & IGG(ELISA)	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 4 WEEKS	24 HRS	ELISA	AFTER 7 DAYS O/S(RANBAXY)
MYCORESIST ( MDR TB PCR )	NONE	BONE MARROW/BRONCHIAL LAVAGE/BRUSHINGS /OTHER BODY FLUID/SPUTUM/TISSUES/ URINE (EARLY MORNING)(AFB 1+)	STERILE CONTAINER	4ML	ROOM 6 HRS, REFRIGERATED 1WEEK, FROZEN NA	24 HRS	PCR	AFTER 15 DAYS O/S(RANBAXY)
MCH	NOT APPLICABLE	WB	K2- EDTA VACUTAINER	3 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	AUTOMATED CELL COUNTER/ MICROSCOPY	4HRS
MCHC	NOT APPLICABLE	WB	K2- EDTA VACUTAINER	3 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	AUTOMATED CELL COUNTER/ MICROSCOPY	4HRS

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MCV	NOT APPLICABLE	WB	K2- EDTA VACUTAINER	3 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	AUTOMATED CELL COUNTER/ MICROSCOPY	4HRS
METHEMOGLOBIN [QUANTITATIVE] (OUTSOURCED TO SRL RELIGARE)	NOT APPLICABLE	WB	K2 EDTA VACUTAINER	3 ML	A: 12 HRS	NOT APPLICABLE	SPECTRO PHOTOMETRY	4 HOURS
MIXING STUDY	NOT APPLICABLE	PLASMA	3. 2% SODIUM CITRATE VACUTAINER	2.7ML / 4.5 ML	WB :< 2H PPP: A <4 HR R<24H -20°C -3 WEEKS -80°C- 3 MONTHS	NOT APPLICABLE	ELECTRO MECHANICAL DETECTION OF CLOT	6 HRS
MOLECULAR STUDY - PML/RARA ( QUALITATIVE) (OUT SOURCED TO DABUR ONCQUEST)	NOT APPLICABLE	PERIPHERAL BLOOD	K2 EDTA VACUTAINER	6-8 ML	A: 24 HRS R : 3 DAYS	NOT APPLICABLE	RT-PCR	6 DAYS

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MOLECULAR STUDY - PML/RARA (QUANTITATIVE) (OUT SOURCED TO DABUR ONQUEST)	NOT APPLICABLE	PERIPHERAL BLOOD	K2 EDTA VACUTAINER	8 ML	A: 24 HRS R :3 DAYS	NOT APPLICABLE	REAL TIME RT-PCR	6 DAYS
MP/QBC	NOT APPLICABLE	WB	K2- EDTA VACUTAINER	3 ML	CENTRIFUGED TUBE A:3 DAYS R: 2 WEEKS	NOT APPLICABLE	QBC + MICROSCOPY	4 HRS.
MDS PANEL ( OUTSOURCED TO DABUR ONQUEST)	NOT APPLICABLE	WHOLE BLOOD/ BOME MARROW	SODIUM HEPARIN VACUTAINER	4-5ML BLOOD /2-3 ML BONE MARROW	20-25 ° C	NOT APPLICABLE	FISH + MICROSCOPY	6 DAYS
MAGNESIUM (SERUM)	12 HRS FASTING IS REQUIRED RANDOM IF URGENT	BLOOD	RED CAPPED VACUTAINER	4 ML	2 TO 8 C FOR 7 DAYS	24 HRS	MAGNON / XYLIDYL BLUE	3 HRS

<b>APOLLO</b>	<b>FORMATS / CHECKLISTS / DATASHEETS</b>	<b>REV. NO.: 0</b>
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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
MAGNESIUM (URINE 24 HRS)	NONE	URINE	URINE CONTAINER WITH PRESERVATIVE 10 ML OF 6 N HCL	10 ML	2 TO 8 C FOR 7 DAYS	AFTER 24 HRS COLLECTION	MAGNON / XYLIDYL BLUE	3 HRS
MAGNESIUM (URINE RANDOM)	NONE	URINE	URINE CONTAINER WITHOUT PRESERVATIVE	10 ML	TO BE DONE IMMEDIATELY	24 HRS	MAGNON / XYLIDYL BLUE	3 HRS
METHOTREXATE	NONE	BLOOD	RED CAPPED VACUTAINER (DO NOT USE GEL BARRIER TUBES)	4 ML	FROZEN 3 MONTHS BUT WRAP IN ALUMINUM FOIL	SAMPLE BY 7TH OF THE MONTH	IMMUNO ASSAY	3 WEEKS, O/S (LALPATH'S - USA)
MICROALBUMIN(S POT)	NONE	URINE	2ND VOID URINE IN A STERILE CONTAINER	10 ML	TO BE DONE IMMEDIATELY IF NOT POSSIBLE THEN STORE AT 2 TO 8 C FOR 1 WEEK WITH ANTI MICROBIAL AGENT 0.02% SODIUM AZIDE OR THIMEROSAL	24 HRS	IMMUNOTURBIDI METRY	3 HRS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
MICROALBUMIN (24 HRS)	NONE	URINE	URINE CONTAINER WITHOUT PRESERVATIVE	10 ML	TO BE DONE IMMEDIATELY IF NOT POSSIBLE THEN STORE AT 2 TO 8 C FOR 1 WEEK WITH ANTI MICROBIAL AGENT 0.02% SODIUM AZIDE OR THIMEROSAL	AFTER 24 HR COLLECTIONS	IMMUNOTURBIDIMETRY	3 HRS
NASAL CULTURE	NONE	NASAL SWAB	STERILE CULTURE COLLECTING SWAB	2 SWAB	IF A DELAY IN TRANSPORT OR PROCESSING IS ANTICIPATED, KEEP THE SPECIMEN AT 4°C.	24 HRS	MICROSCOPY CULTURE/SENSITIVITY.	72 HOURS
NASAL SMEAR FOR EOSINOPHILS	NOT APPLICABLE	PATIENT TO REPORT TO HAEMATOLOGY LAB AT APOLLO HOSPITALS BANGALORE.	SMEAR	NASAL SWAB	ROOM TEMPERATURE	NOT APPLICABLE	MICROSCOPY	4 HRS.
NBS TSH	ESTABLISHED FEEDING	DRIED BLOOD SPOT	FILTER PAPER	2 COMPLETE SPOT	ROOM TEMPERATURE	> 1 DAY AFTER BIRTH	ENZYME IMMUNOASSAY	3 WORKING DAYS
NBS 17-OHP	ESTABLISHED FEEDING	DRIED BLOOD SPOT	FILTER PAPER	2 COMPLETE SPOT	ROOM TEMPERATURE	> 1 DAY AFTER BIRTH	ENZYME IMMUNOASSAY	3 WORKING DAYS

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<b>TEST NAME</b>	<b>PATIENT PREPARATION</b>	<b>TYPE OF SAMPLE</b>	<b>TYPE OF CONTAINER</b>	<b>QUANTITY OF SAMPLE REQUIRED</b>	<b>STABILITY S/P/U/CSF</b>	<b>SAMPLE COLLECTION TIME</b>	<b>METHOD</b>	<b>TURN AROUND TIME</b>
NBS G6PD	ESTABLISHED FEEDING	DRIED BLOOD SPOT	FILTER PAPER	2 COMPLETE SPOT	ROOM TEMPERATURE	> 1 DAY AFTER BIRTH	ENZYME IMMUNOASSAY	3 WORKING DAYS
NBS PKU	ESTABLISHED FEEDING	DRIED BLOOD SPOT	FILTER PAPER	2 COMPLETE SPOT	ROOM TEMPERATURE	> 1 DAY AFTER BIRTH	ENZYME IMMUNOASSAY	3 WORKING DAYS
NBS GALACTOSE	ESTABLISHED FEEDING	DRIED BLOOD SPOT	FILTER PAPER	2 COMPLETE SPOT	ROOM TEMPERATURE	1 DAY AFTER BIRTH	ENZYME IMMUNOASSAY	3 WORKING DAYS
NBS BIOTINIDASE	ESTABLISHED FEEDING	DRIED BLOOD SPOT	FILTER PAPER	2 COMPLETE SPOT	ROOM TEMPERATURE	> 1 DAY AFTER BIRTH	ENZYME IMMUNOASSAY	3 WORKING DAYS
NT PRO BNP	NONE	BLOOD	GREEN COLOURED VACUTAINER - SODIUM HEPARIN	4 ML	TO BE DONE IMMEDIATELY	24 HRS	OPTICAL DETECTION	3 HRS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
OSMOLALITY, SERUM	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	TO BE DONE IMMEDIATELY	24 HRS	FREEZING POINT GONOTEC	3 HRS
OSMOLALITY, SPOT URINE	NONE	URINE	URINE CONTAINER WITHOUT PRESERVATIVE	10 ML	TO BE DONE IMMEDIATELY	24 HRS	FREEZING POINT GONOTEC	3 HRS
OXALATE (24 HRS URINE)	NONE	URINE	URINE CONTAINER WITH PRESERVATIVE 25 ML OF 50% HCL	10 ML	REFRIGERATED 1 WEEK FROZEN 2 WEEKS	24 HRS	SPECTROPHOTOMETRY	7 DAYS, O/S (APOLLO CHENNAI)
PAUL BUNNEL SPOT	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 4 WEEKS	24 HRS	HAEM AGGLUTINATION TEST	AFTER 24 HOURS
PNEUMOCYSTIS CARINII STAINING	NONE	BRONCHIAL LAVAGE/BRUSHINGS /SPUTUM	STERILE CONTAINER	COLLECT APPROXIMATELY 15-30 ML OF FLUID	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN NA	24 HRS	TOLUIDINE BLUE O STAIN	AFTER 24 HOURS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
PUS CULTURE	NONE	EXUDATES PUS SWABS	STERILE CONTAINER/STERILE CULTURE COLLECTING SWAB	FOR MOST INFECTIONS, TISSUE OR ASPIRATED MATERIAL IS OPTIMAL FOR THE ISOLATION OF INFECTING ORGANISMS	ROOM 2 HRS, REFRIGERATED 24 HRS, FROZEN NA	24 HRS	MICROSCOPY CULTURE/SENSITIVITY.	48 HOURS
PACKED CELL VOLUME [PCV]	NOT APPLICABLE	WB	K2- EDTA VACUTAINER	3 ML	A- 1 DAY R- 4 DAYS	NOT APPLICABLE	AUTOMATED CELL COUNTER/ MICROSCOPY	4HRS
PARTIAL THROMBOPLASTIN TIME [PTT]	NOT APPLICABLE	PLASMA	3. 2% SODIUM CITRATE VACUTAINER	2.7ML / 4.5 ML	WB :< 2H PPP: A <4 HR R<24H -20°C -3 WEEKS -80°C- 3 MONTHS	NOT APPLICABLE	ELECTRO MECHANICAL DETECTION OF CLOT	4 HRS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
PCR PHILADELPHIA – CHROMOSOME:CM L QUEST (BCR/ABL) (OUT SOURCED TO DABUR ONCQUEST)	NOT APPLICABLE	PERIPHERAL BLOOD	K2 EDTA VACUTAINER	6-8 ML	A: 24 HRS R :3 DAYS	NOT APPLICABLE	RT-PCR	5 DAYS
PERICARDIAL FLUID ANALYSIS	NOT APPLICABLE	PERICARDIAL FLUID.	CLEAN STOPPERED PLASTIC TEST TUBE/ RED CAPPED VACUTAINER	5 ML	A- 1-2HRS R – 24 HRS	NOT APPLICABLE	MICROSCOPY	4 HRS.
PERIPHERAL SMEAR	NOT APPLICABLE	WB	K2- EDTA VACUTAINER	3 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	AUTOMATED CELL COUNTER/ MICROSCOPY	4HRS
PERITONEAL DIALYSIS FLUID CELL COUNT	NOT APPLICABLE	PERITONEAL DIALYSIS FLUID.	CLEAN STOPPERED PLASTIC TEST TUBE/ RED CAPPED VACUTAINER	5 ML	R – 30 MIN F – 24 HRS	NOT APPLICABLE	MICROSCOPY	4 HRS.

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
PERITONEAL FLUID CELL COUNT	NOT APPLICABLE	ASCITIC/PERITONEAL FLUID.	CLEAN STOPPERED PLASTIC TEST TUBE/ RED CAPPED VACUTAINER	5 ML	R – 30 MIN F – 24 HRS	NOT APPLICABLE	MICROSCOPY	4 HRS.
PH URINE	NOT APPLICABLE	URINE	50 ML PLASTIC TIGHTLY CAPPED CONTAINER	20 ML	UNSTABLE	NOT APPLICABLE	AUTOMATED URINE ANALYSER	4 HRS.
PLASMA HAEMOGLOBIN	NOT APPLICABLE	PLASMA	K2- EDTA VACUTAINER	3 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	AUTOMATED CELL COUNTER/ SPECTROPHOTO METER	4HRS
PLATELET COUNT	NOT APPLICABLE	WB	K2- EDTA VACUTAINER	3 ML	A- 4HRS R- 7 DAYS	NOT APPLICABLE	AUTOMATED CELL COUNTER/ MICROSCOPY	4HRS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
PLEURAL FLUID ANALYSIS	NOT APPLICABLE	PLEURAL FLUID.	CLEAN STOPPERED PLASTIC TEST TUBE/ RED CAPPED VACUTAINER	5 ML	R – 30 MIN F – 24 HRS	NOT APPLICABLE	MICROSCOPY	4 HRS.
PML/RAR (FISH TECHNIQUE) (OUT SOURCED TO DABUR ONCQUEST)	NOT APPLICABLE	WB/BM	SODIUM HEPARIN VACUTAINER	4 - 5 ML WB/ 2-3 ML BM	A :24 HRS	NOT APPLICABLE	FISH	5-7 DAYS
PROTEIN C ESTIMATION (OUT SOURCED TO SRL RELIGARE)	NOT APPLICABLE	PLASMA	3. 2% SODIUM CITRATE VACUTAINER	TWO ALIQUOTS OF 1.5 ML EACH	WB :< 2H PPP: A: 7 DAYS R:7 DAYS F:-20°C -3 WEEKS -80°C- 3 MONTHS	NOT APPLICABLE	ELECTRO MECHANICAL DETECTION OF CLOT	4 DAYS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
PROTEIN S (OUT SOURCED TO SRL RELIGARE)	NOT APPLICABLE	PLASMA	3. 2% SODIUM CITRATE VACUTAINER	TWO ALIQUOTS OF 1.5 ML EACH	WB :< 2H PPP: A <4 HRS R<4HRS -20°C -3 WEEKS -80°C- 3 MONTHS	NOT APPLICABLE	ELECTRO MECHANICAL DETECTION OF CLOT	4 DAYS
PROTHROMBIN TIME	NOT APPLICABLE	PLASMA	3. 2% SODIUM CITRATE VACUTAINER	2.7ML / 4.5 ML	WB :< 2H PPP: A <4 HR R<24H -20°C -3 WEEKS -80°C- 3 MONTHS	NOT APPLICABLE	ELECTRO MECHANICAL DETECTION OF CLOT	4 HRS
PLATELET AGGREGATION STUDY 1. ARACHIDONIC ACID 2. RISTOCETIN 3. EPINEPHRIN 4. COLLAGEN 5. ADP (OUT SOURCED)	1. 12 HOUR FASTING 2. PLATELET COUNT SHOULD BE ≥ 50000 CLLS/CUM M	WHOLE BLOOD	3. 2% SODIUM CITRATE VACUTAINER ( 2 TUBES)	6 ML	2 HOURS AT ROOM TEMPERATURE	NOT APPLICABLE	WHOLE BLOOD PLATELET AGREGATION	4 HOURS

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PARATHORMONE (PTH)	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	SEPARATE SERUM IMMEDIATELY AFTER CLOTTING AND FREEZE WITHIN 30 MINS, FROZEN 4 WEEKS	DRAW SAMPLE BETWEEN 8 AM TO 10 AM	CHEMILUMINESCENCE	7 DAYS, O/S (APOLLO CHENNAI)
PHENYTOIN	NONE	BLOOD	RED CAPPED VACUTAINER, DONOT INVERT THE TUBE. DONOT USE GEL BARRIER TUBE	4 ML	REFRIGERATED 1 WEEK FROZEN 2 WEEKS	24 HRS	CHEMILUMINESCENCE	3 DAYS, O/S (ANAND LAB)
PHOSPHORUS (SERUM)	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	2 TO 8 C FOR 4 DAYS	24 HRS	PHOSPHOMOLYBFORMATION	3 HRS
PHOSPHORUS (24 HRS URINE)	NONE	URINE	URINE CONTAINER WITH 6 N HCL	10 ML	REFRIGERATED 1 WEEK FROZEN 2 WEEKS	AFTER 24 HRS COLLECTION	PHOSPHOMOLYBFORMATION	3 HRS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
PHOSPHORUS (SPOT URINE)	NONE	URINE	URINE CONTAINER WITHOUT PRESERVATIVE	10 ML	REFRIGERATED 1 WEEK FROZEN 2 WEEKS	24 HRS	PHOSPHOMOLYB FORMATION	3 HRS
PROGESTERONE	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 48 HRS > 48 HRS AT -20 C	24 HRS	CHEMILUMINESCENCE	7 DAYS, O/S (APOLLO CHENNAI)
PROLACTIN	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 48 HRS > 48 HRS AT -20 C	24 HRS	CHEMILUMINESCENCE	6 HRS

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PROSTATE SPECIFIC ANTIGEN (PSA) FREE	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	FROZEN 4 WEEKS	24 HRS	ENZYME IMMUNO ASSAY	7 DAYS, O/S (ANAND LAB)
PROSTATE SPECIFIC ANTIGEN (PSA) TOTAL	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	15 TO 30 C F OR 8 HRS 2 TO 8 C FOR 48 HRS > 48 HRS AT -20 C	24 HRS	CHEMILUMINESCENCE	6 HRS
POTASSIUM (SERUM)	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 3 DAYS FROZEN 1 WEEK	24 HRS	ISE (DIRECT / INDIRECT)	3 HRS

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POTASSIUM (PERITONEAL FLUID)	NONE	FLUID	STERILE CONTAINER WITHOUT PRESERVATIVE	10 ML	REFRIGERATED 3 DAYS FROZEN 1 WEEK	24 HRS	ISE (DIRECT / INDIRECT)	3 HRS
POTASSIUM (24 HRS URINE)	NONE	URINE	URINE CONTAINER WITHOUT PRESERVATIVE	10 ML	REFRIGERATED 3 DAYS FROZEN 1 WEEK	AFTER 24 HRS COLLECTION	ISE (DIRECT / INDIRECT)	3 HRS
POTASSIUM (SPOT URINE)	NONE	URINE	URINE CONTAINER WITHOUT PRESERVATIVE	10 ML	REFRIGERATED 3 DAYS FROZEN 1 WEEK	24 HRS	ISE (DIRECT / INDIRECT)	3 HRS

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PORPHYRINS, 24 HRS URINE	NONE	URINE	URINE CONTAINER WITHOUT PRESERVATIVE DARK COLOURED CONTAINER	10 ML	REFRIGERATED 1 WEEK FROZEN 4 WEEKS	AFTER 24 HRS COLLECTION	COLUMN CHROMATOGRAPHY	72 HRS, O/S (LALPATH'S)
PORPHYRINS, RANDOM	COLLECT URINE DURING ACUTE CRISIS	URINE	URINE CONTAINER WITHOUT PRESERVATIVE DARK COLOURED CONTAINER	10 ML	REFRIGERATED 1 WEEK FROZEN 4 WEEKS	24 HRS	COLUMN CHROMATOGRAPHY	72 HRS, O/S (LALPATH'S)

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
PORHOBILINOGEN , 24 HRS URINE	NONE	URINE	URINE CONTAINER WITHOUT PRESERVATIVE DARK COLOURED CONTAINER	10 ML	THURSDAY BY 7 AM REFRIGERATED 1 WEEK FROZEN 4 WEEKS	AFTER 24 HRS COLLECTION	COLUMN CHROMATOGRAP HY	72 HRS, O/S (LALPATH'S)
PORHOBILINOGEN , RANDOM	NONE	URINE	URINE CONTAINER WITHOUT PRESERVATIVE DARK COLOURED CONTAINER	10 ML	THURSDAY BY 7 AM REFRIGERATED 1 WEEK FROZEN 4 WEEKS	24 HRS	COLUMN CHROMATOGRAP HY	72 HRS, O/S (LALPATH'S)

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<b>TEST NAME</b>	<b>PATIENT PREPARATION</b>	<b>TYPE OF SAMPLE</b>	<b>TYPE OF CONTAINER</b>	<b>QUANTITY OF SAMPLE REQUIRED</b>	<b>STABILITY S/P/U/CSF</b>	<b>SAMPLE COLLECTION TIME</b>	<b>METHOD</b>	<b>TURN AROUND TIME</b>
PSA	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 48 HRS > 48 HRS AT -20 C	24 HRS	CHEMILUMINESCENCE	6 HRS
RA (RHEUMATOID FACTOR)	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM NA, REFRIGERATED 2DAYS, FROZEN 2 WEEKS	24 HRS	LATEX AGGLUTINATION	AFTER 24 HOURS

<b>APOLLO</b>	<b>FORMATS / CHECKLISTS / DATASHEETS</b>	<b>REV. NO.: 0</b>
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<b>TEST NAME</b>	<b>PATIENT PREPARATION</b>	<b>TYPE OF SAMPLE</b>	<b>TYPE OF CONTAINER</b>	<b>QUANTITY OF SAMPLE REQUIRED</b>	<b>STABILITY S/P/U/CSF</b>	<b>SAMPLE COLLECTION TIME</b>	<b>METHOD</b>	<b>TURN AROUND TIME</b>
RUBELLA IGG	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 7DAYS, FROZEN 4 WEEKS	24 HRS	ENZYME LINKED IMMUNOFLUORO SCENCE ASSAY	AFTER 24 HOURS
RUBELLA IGM	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 7DAYS, FROZEN 4 WEEKS	24 HRS	ENZYME LINKED IMMUNOFLUORO SCENCE ASSAY	AFTER 24 HOURS

<b>APOLLO</b>	<b>FORMATS / CHECKLISTS / DATASHEETS</b>	<b>REV. NO.: 0</b>
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RBC COUNT	NOT APPLICABLE	WB	K2- EDTA VACUTAINER	3 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	AUTOMATED CELL COUNTER/ MICROSCOPY	4HRS
RED CELL INDICES	NOT APPLICABLE	WB	K2- EDTA VACUTAINER	3 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	AUTOMATED CELL COUNTER/ MICROSCOPY	4HRS
RED CELL OSMOTIC FRAG.WITH INCUBATO	NOT APPLICABLE	WB	SODIUM HEPARIN VACUTAINER	3 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	MANUAL	24 HOURS

<b>APOLLO</b>	<b>FORMATS / CHECKLISTS / DATASHEETS</b>	<b>REV. NO.: 0</b>
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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
RED CELL OSMOTIC FRAGILITY	NOT APPLICABLE	WB	SODIUM HEPARIN VACUTAINER	3 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	MANUAL	24 HOURS
RETICULOCYTE COUNT	NOT APPLICABLE	WB	K2- EDTA VACUTAINER	3 ML	A- 24HRS R- 24 HRS	NOT APPLICABLE	MICROSCOPY	4HRS
RBC FOLATE	RECORD PCV VALUE ON THE REQUEST FORM	EDTA (PLASMA) + BLOOD DO NOT FREEZE	EDTA TUBE- LAVENDER CAPPED AND RED CAPPED VACUTAINER	4 ML(EDTA PLASMA) + 4ML(BLOOD)	2 TO 8 C FOR 72 HRS	24 HRS	CHEMILUMINESC ENCE	4 DAYS, O/S (LALPATH'S)
SCRAPINGS FOR FUNGAL SMEAR	NONE	SCRAPING MATERIL	STERILE CONTAINER	NA	NA	24 HRS	MICROSCOPY	AFTER 24 HOURS
SERODIAGNOSIS OF HYDATID DISEASE	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 7DAYS, FROZEN 4 WEEKS	24 HRS	ELISA	AFTER 15 DAYS O/S(RANBAXY)

<b>APOLLO</b>	<b>FORMATS / CHECKLISTS / DATASHEETS</b>	<b>REV. NO.: 0</b>
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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
SERUM IGE	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 7DAYS, FROZEN 4 WEEKS	24 HRS	ENZYME LINKED IMMUNOFLUORO SCENCE ASSAY	AFTER 24 HOURS
SERUM PCT (PROCALCITONIN)	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 7DAYS, FROZEN 4 WEEKS	24 HRS	IMMUNO CHROMATOGRAP HY	AFTER 1 HOUR
SMEAR FOR DIPHThERIA	NONE	THROAT SWAB	STERILE CONTAINER	SAMPLES AS PER THE CULTURE QUANTITY	IF A DELAY IN TRANSPORT OR PROCESSING IS ANTICIPATED, KEEP THE SPECIMEN AT <b>ROOM TEMPERATURE.</b>	24 HRS	MICROSCOPY	AFTER 6 HOURS
SPUTUM CULTURE	EARLY MORNINGOBTAIN IN SPUTUM SPECIMEN FROM A DEEP COUGH AND EXPEL INTO A CLEAN, STERILE CONTAINER.	SPUTUM, ASPIRATE ENDOTRACHEAL TUBE SPUTUM	STERILE CONTAINER	COLLECT APPROXIMATELY 15-30 ML OF FLUID .	IF THERE IS A DELAY IN PROCESSING (>2 HOURS), REFRIGERATE SPECIMENS AT 2 – 8 C. LONG DELAYS (>24 HOURS) MAY COMPROMISE THE RECOVERY OF ORGANISMS SUCH AS <i>HAEMOPHILUS</i> SPP. AND <i>NEISSERIA MENINGITIDIS</i> AND ALSO MAY ALLOW OVERGROWTH OF	24 HRS	MICROSCOPY CULTURE/SENSIT IVITY.	48 HOURS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
					NON-FASTIDIOUS GRAM-NEGATIVE RODS.			
STOOL FOR HANGING DROP	NONE	STOOL (FAECES)	STERILE CONTAINER	SAMPLES AS PER THE CULTURE QUANTITY	ROOM 2 HRS, REFRIGERATED 24 HRS, FROZEN NA	24 HRS	MICROSCOPY	AFTER 6 HOURS
STOOL(FAECES) CULTURE	NONE	STOOL (FAECES)	STERILE CONTAINER	1-2 GRAMS OR 5 ML IN CLEAN CONTAINER.	ROOM 2 HRS, REFRIGERATED 24 HRS, FROZEN NA	24 HRS	MICROSCOPY CULTURE/SENSITIVITY.	48 HOURS
SEMEN ANALYSIS	3 DAYS ABSTINENCE	SEMEN	50 ML TIGHTLY CAPPED CLEAN PLASTIC CONTAINER	1-2 ML	A – 30 MIN	BY APPOINTMENT ONLY. COLLECTION AT APOLLO HOSPITALS ONLY. CONTACT THE LAB FOR INSTRUCTIONS	MICROSCOPY	24 HRS
SICKLING TEST	NOT APPLICABLE	WB	K2- EDTA VACUTAINER	3 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	AUTOMATED CELL COUNTER/+ MICROSCOPY	4HRS
SMEAR ANALYSIS	NOT APPLICABLE	WB	K2- EDTA VACUTAINER	3 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	AUTOMATED CELL COUNTER/+MICROSCOPY	4HRS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
SMEAR FOR MALARIAL PARASITE	NOT APPLICABLE	WB	K2- EDTA VACUTAINER	3 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	AUTOMATED CELL COUNTER/ +MICROSCOPY	4HRS
SPUTUM CELL COUNT	NOT APPLICABLE	SPUTUM	CLEAN STOPPERED PLASTIC TEST TUBE/ RED CAPPED VACUTAINER	1-2 ML	R – 30 MIN F – 24 HRS	NOT APPLICABLE	MICROSCOPY	4 HRS.
SPUTUM FOR EOSINOPHILS	NOT APPLICABLE	SPUTUM	CLEAN STOPPERED PLASTIC TEST TUBE/ RED CAPPED VACUTAINER	1-2 ML	R – 30 MIN F – 24 HRS	NOT APPLICABLE	MICROSCOPY	4 HRS.
STOOL OCCULT BLOOD	REFER LAST PAGE	STOOL	50 ML PLASTIC CONTAINER WITH SPOON IN THE LID	5 GM	R:1 HR	NOT APPLICABLE	HEMOSPOT	4HRS
STOOL REDUCING SUBSTANCE	NOT APPLICABLE	STOOL	50 ML PLASTIC CONTAINER WITH SPOON IN THE LID	5 GM	A:1 HR	NOT APPLICABLE	BENEDICTS TEST	4HRS
STOOL ROUTINE	NOT APPLICABLE	STOOL	50 ML PLASTIC CONTAINER WITH SPOON IN THE LID	5 GM	A:1 HR R:24 HRS	NOT APPLICABLE	MANUAL	4 HRS
SUCROSE LYSIS TEST	NOT APPLICABLE	WB	3. 2% SODIUM CITRATE+ K2 EDTA VACUTAINER.	3 ML	A:3HRS R: 24 HRS	NOT APPLICABLE	MANUAL	24 HOURS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
SUDAN BLACK "B"	NOT APPLICABLE	REPRESENTATIVE BONE MARROW ASPIRATE / SMEARS / PBS + CLINICAL HISTORY	UNFIXED SMEARS	MINIMUM 6 SMEARS BMA + PBS	A: 24 HR	NOT APPLICABLE	MICROSCOPY	48 HOURS
SYNOVIAL FLUID ANALYSIS	NOT APPLICABLE	PLEURAL FLUID.	CLEAN STOPPERED PLASTIC TEST TUBE/ RED CAPPED VACUTAINER	5 ML	R – 30 MIN F – 24 HRS	NOT APPLICABLE	MICROSCOPY	4 HRS.
SODIUM (SERUM)	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 3 DAYS	24 HRS	ISE (DIRECT / INDIRECT)	3 HRS
SODIUM (24 HRS URINE)	NONE	URINE	URINE CONTAINER WITHOUT PRESERVATIVE	10 ML	REFRIGERATED 3 DAYS	AFTER 24 HRS COLLECTION	ISE (DIRECT / INDIRECT)	3 HRS
SODIUM (SPOT URINE)	NONE	URINE	URINE CONTAINER WITHOUT PRESERVATIVE	10 ML	REFRIGERATED 3 DAYS	24 HRS	ISE (DIRECT / INDIRECT)	3 HRS
SODIUM (PERITONEAL FLUID)	NONE	FLUID	STERILE CONTAINER WITHOUT PRESERVATIVE	4 ML	REFRIGERATED 3 DAYS	24 HRS	ISE (DIRECT / INDIRECT)	3 HRS
SLIDES REVIEW	--	PARAFFIN BLOCKS/ STAINED/UNSTAINED	--	--	--	--	MANUAL AND MICROSCOPY	1-2DAYS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
SLIDES EXTRA	--	PARAFFIN BLOCKS	--	--	--	--	MANUAL	24 HOURS
TB FERON	NONE	SERUM	TUBE FROM RANBAXY	EACH 1ML	ROOM 2 HRS, REFRIGERATED NA, FROZEN NA		ELISA	AFTER 15 DAYS O/S(RANBAXY)
TB IGA (TUBERCULOSIS)	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 7DAYS, FROZEN 4 WEEKS	24 HRS	ELISA	AFTER 2 DAYS O/S(ANAND DIAGNOSTICS)
TB IGG (TUBERCULOSIS)	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 7DAYS, FROZEN 4 WEEKS	24 HRS	ELISA	AFTER 2 DAYS O/S (ANAND DIAGNOSTICS)
TB IGM (TUBERCULOSIS)	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 7DAYS, FROZEN 4 WEEKS	24 HRS	ELISA	AFTER 2 DAYS O/S(ANAND DIAGNOSTICS)

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
TB PCR	NONE	BONE MARROW/BRONCHIAL LAVAGE/BRUSHINGS /OTHER BODY FLUID/SPUTUM/TISSUES/ URINE (EARLY MORNING)(AFB 1+)	STERILE CONTAINER	COLLECT APPROXIMATELY 15-30 ML .	ROOM 2 HRS, REFRIGERATED 7DAYS, FROZEN NA	24 HRS	PCR	10 DAYS, O/S (APOLLO CHENNAI)
THROAT CULTURE	NONE	THROAT SWAB	STERILE CULTURE COLLECTING SWAB	2 SWAB	ROOM 2 HRS, REFRIGERATED 24 HRS, FROZEN NA	24 HRS	MICROSCOPY CULTURE/SENSITIVITY.	48 HOURS
TIP CULTURE & SENSITIVITY	NONE	CVP TIP	STERILE CONTAINER	TIP	ROOM 2 HRS, REFRIGERATED 24 HRS, FROZEN NA	24 HRS	CULTURE/SENSITIVITY.	72 HOURS
TISSUE CULTURE	NONE	TISSUE BIOPSY	STERILE CONTAINER WITH NORMAL SALINE	TISSUE BIT	ROOM 2 HRS, REFRIGERATED 24 HRS, FROZEN NA	24 HRS	MICROSCOPY CULTURE/SENSITIVITY.	72 HOURS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
TORCH IGG	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 4 WEEKS	IF REACHES BEFORE SUNDAY 2.00 PM	ENZYME LINKED IMMUNOFLUORO SCENCE ASSAY	AFTER 24 HOURS
TORCH L IGM	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 4 WEEKS	WEDNESDAY AND SUNDAY	ENZYME LINKED IMMUNOFLUORO SCENCE ASSAY	AFTER 24 HOURS
TOXOPLASMA IGG	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 4 WEEKS	24 HRS	ENZYME LINKED IMMUNOFLUORO SCENCE ASSAY	AFTER 24 HOURS
TOXOPLASMA IGM	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 4 WEEKS	24 HRS	ENZYME LINKED IMMUNOFLUORO SCENCE ASSAY	AFTER 24 HOURS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
TPHA	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 4 WEEKS	24 HRS	HAEM AGGLUTINATION TEST	AFTER 2 DAYS O/S(ANAND DIAGNOSTICS)
TYPHIDOT IGM/IGG	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 4 WEEKS	24 HRS	IMMUNOBLOT & ENZYME IMMUNO ASSAY	AFTER 24 HOURS
TC DC	NOT APPLICABLE	WB	K2- EDTA VACUTAINER	3 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	AUTOMATED CELL COUNTER/ MICROSCOPY	4HRS
THALASSEMIA SCREENING	NOT APPLICABLE	WB + SERUM + PERIPHERAL SMEARS	K2-EDTA + PLAIN (RED TOP) VACUTAINER	3.0 ML (2.0 ML)	R/F	BEFORE TRANSFUSION/ 3 MONTH INTERVAL AFTER TRANSFUSION	AUTOMATED CELL COUNTER/ MICROSCOPY + ELECTROPHORE SIS	7 DAYS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
THROMBIN TIME	NOT APPLICABLE	PLASMA	3. 2% SODIUM CITRATE VACUTAINER	2.7ML / 4.5 ML	WB :< 2H PPP: A <4 HR R<24H -20°C -3 WEEKS -80°C- 3 MONTHS	NOT APPLICABLE	ELECTRO MECHANICAL DETECTION OF CLOT	4 HRS
THROMBOTIC PROFILE (OUTSOURCED TO SRL RELIGARE)	FASTING	PLASMA	3. 2% SODIUM CITRATE VACUTAINER	THREE ALIQUOTS OF 1.5 ML EACH	WB :< 2H PPP: A <4 HR R<24H -20°C -3 WEEKS -80°C- 3 MONTHS	BEFORE HEPARIN THERAPY / NOT DURING ACUTE EPISODE	ELECTRO MECHANICAL DETECTION OF CLOT, CHEMILUMINESCENCE	7 DAYS
TOTAL COUNT (IIB, TLC, DEC)	NOT APPLICABLE	WB	K2- EDTA VACUTAINER	3 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	AUTOMATED CELL COUNTER/ MICROSCOPY	4HRS
TOTAL LEUCOCYTIC COUNT	NOT APPLICABLE	WB	K2- EDTA VACUTAINER	3 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	AUTOMATED CELL COUNTER/ MICROSCOPY	4HRS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
TESTOSTERONE, FREE	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	2 TO 8 C FOR 24 HRS FROZEN 4 WEEKS	SAMPLE BY MONDAY AND THURSDAY BY 11 AM	ENZYME IMMUNO ASSAY	7 DAYS, O/S (LALPATH'S)
TESTOSTERONE TOTAL	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 48 HRS > 48 HRS AT -20 C	24 HRS	CHEMILUMINESCENCE	6 HRS
THEOPHYLLINE SERUM	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 1 WEEK FROZEN 2 WEEKS	24 HRS	CHEMILUMINESCENCE	3 DAYS O/S (ANAND LAB)
TRIGLYCERIDES (SERUM)	OVERNIGHT FASTING REQUIRED	BLOOD	RED CAPPED VACUTAINER	4 ML	2 TO 8 C 7 DAYS 15 TO 25 C 2 DAYS	FASTING	LIP / GK COLORIMET	3 HRS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
TRIGLYCERIDES (PERITONEAL FLUID)	NONE	FLUID	STERILE CONTAINER WITHOUT PRESERVATIVE	10 ML	2 TO 8 C 7 DAYS 15 TO 25 C 2 DAYS	24 HRS	LIP / GK COLORIMET	3 HRS
TRIGLYCERIDES (PLEURAL FLUID)	NONE	FLUID	STERILE CONTAINER WITHOUT PRESERVATIVE	5 ML	2 TO 8 C 7 DAYS 15 TO 25 C 2 DAYS	24 HRS	LIP / GK COLORIMET	3 HRS
TOTAL IRON BINDING CAPACITY (TIBC)	-	-	-	-	-	-	CALCULATED VALUE (S.IRON + UIBC)	3 DAYS, O/S (ANAND LAB)
TRANSFERRIN	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 48 HRS > 48 HRS AT -20 C	24 HRS	CHEMILUMINESCENCE	6 HRS

<b>APOLLO</b>	<b>FORMATS / CHECKLISTS / DATASHEETS</b>	<b>REV. NO.: 0</b>
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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
TRANSFERRIN SATURATION	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 48 HRS > 48 HRS AT -20 C	24 HRS	CHEMILUMINESCENCE	6 HRS
THYROID STIMULATING HORMONE (TSH)	SAMPLE TO BE DRAWN BETWEEN 9 AM TO 11 AM	BLOOD	RED CAPPED VACUTAINER	4 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 48 HRS > 48 HRS AT -20 C	SAMPLE TO BE DRAWN BETWEEN 9 AM TO 11 AM	CHEMILUMINESCENCE	6 HRS
THYROXINE, T4(TOTAL)	OVERNIGHT FASTING REQUIRED	BLOOD	RED CAPPED VACUTAINER	4 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 48 HRS > 48 HRS AT -20 C	OVERNIGHT FASTING REQUIRED	CHEMILUMINESCENCE	6 HRS
THYROXINE, FREE T4	SAMPLE TO BE DRAWN BETWEEN 9 AM TO 11 AM	BLOOD	RED CAPPED VACUTAINER	4 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 48 HRS > 48 HRS AT -20 C	SAMPLE TO BE DRAWN BETWEEN 9 AM TO 11 AM	CHEMILUMINESCENCE	6 HRS

<b>APOLLO</b>	<b>FORMATS / CHECKLISTS / DATASHEETS</b>	<b>REV. NO.: 0</b>
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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
TRIIODOTHYRONINE T3(TOTAL)	OVERNIGHT FASTING REQUIRED	BLOOD	RED CAPPED VACUTAINER	4 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 48 HRS > 48 HRS AT -20 C	OVERNIGHT FASTING REQUIRED	CHEMILUMINESCENCE	6 HRS
TRIIODOTHYRONINE FREE T3	SAMPLE TO BE DRAWN BETWEEN 9 AM TO 11 AM	BLOOD	RED CAPPED VACUTAINER	4 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 48 HRS > 48 HRS AT -20 C	SAMPLE TO BE DRAWN BETWEEN 9 AM TO 11 AM	CHEMILUMINESCENCE	6 HRS
TRIPLE TEST (2ND TRIMESTER, 14-20 WEEKS)	BLOOD TO BE DRAWN BETWEEN 14 TO 20 WEEKS	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 1 WEEK FROZEN 2 WEEKS	24 HRS	CHEMILUMINESCENCE	7 DAYS, O/S (APOLLO CHENNAI)
DUAL MARKER (1ST TRIMESTER, 10-13 WEEKS)	BLOOD TO BE DRAWN BETWEEN 10 TO 13 WEEKS	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 24 HRS FROZEN 2 MONTHS	24 HRS	CHEMILUMINESCENCE	7 DAYS, O/S (LALPATH'S)

<b>APOLLO</b>	<b>FORMATS / CHECKLISTS / DATASHEETS</b>	<b>REV. NO.: 0</b>
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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
TROPONIN - T	NONE	BLOOD	GREEN COLOURED VACUTAINER - SODIUM HEPARIN	4 ML	TO BE DONE IMMEDIATELY	24 HRS	OPTICAL DETECTION	3 HRS
TISSUE TRANSGLUTAMINASE IGA ANTIBODY	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	REFRIGERATED 1 WEEK FROZEN 4 WEEKS	24 HRS	ENZYME IMMUNO ASSAY	7 DAYS, O/S (LALPATH'S)
URINE AFB - PCR	EARLY MORNING SPECIMEN	URINE	STERILE CONTAINER	15-30ML	ROOM NA, REFRIGERATED 72 HRS, FROZEN NA.	24 HRS	PCR	10 DAYS, O/S (APOLLO CHENNAI)
URINE CULTURE	MIDSTREAM URINE (MSU) FIRST, CAREFULLY CLEAN THE URETHRAL MEATUS. THEN VOID AND DISCARD THE FIRST 10 - 20 ML OF URINE IN ORDER TO CLEAR THE	BAG CATCH CSU , MSU,SUPRA PUBIC	STERILE CONTAINER	COLLECT APPROXIMATELY 15-30 ML OF URINE	ROOM 1 HR, REFRIGERATED 48 HRS, FROZEN NA	24 HRS	MICROSCOPY CULTURE/SENSITIVITY.	48 HOURS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
	URETHRA. COLLECT THE SUBSEQUENT URINE INTO A CLEAN, STERILE CONTAINER							
URINE PREGNANCY TEST (RAPID)	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 1 HR, REFRIGERATED 48 HRS, FROZEN NA	24 HRS	IMMUNO CHROMATOGRAP HY	AFTER 24 HOURS
URINARY HAEMOSIDERIN	NOT APPLICABLE	URINE	50 ML PLASTIC TIGHTLY CAPPED CONTAINER	20 ML	A-1- 2HRS R- 24 HRS	NOT APPLICABLE	MICROSCOPY	4 HRS.
URINARY MYOGLOBOLIN	NOT APPLICABLE	URINE	50 ML PLASTIC TIGHTLY CAPPED CONTAINER	20 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	SPECTRO PHOTOMETRY	4 HRS.

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
URINE ACETONE	NOT APPLICABLE	URINE	50 ML PLASTIC TIGHTLY CAPPED CONTAINER	20 ML	A- 12DAYS R- 24 DAYS F>12 DAYS	NOT APPLICABLE	AUTOMATED URINE ANALYSER	4 HRS.
URINE ALBUMIN (NEPHROLOGY) (CP002 / 1305)	NOT APPLICABLE	URINE	50 ML PLASTIC TIGHTLY CAPPED CONTAINER	20 ML	A->2HRS	NOT APPLICABLE	AUTOMATED URINE ANALYSER	4 HRS.
URINE BENCE JONES PROTEIN	NOT APPLICABLE	URINE	50 ML PLASTIC TIGHTLY CAPPED CONTAINER	20 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	AUTOMATED URINE ANALYSER + MANUAL METHOD	4 HRS.
URINE BILE SALT + BILE PIGMENTS	NOT APPLICABLE	URINE	50 ML PLASTIC TIGHTLY CAPPED CONTAINER	20 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	AUTOMATED URINE ANALYSER +FOUCHETS TEST	4 HRS.

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<b>TEST NAME</b>	<b>PATIENT PREPARATION</b>	<b>TYPE OF SAMPLE</b>	<b>TYPE OF CONTAINER</b>	<b>QUANTITY OF SAMPLE REQUIRED</b>	<b>STABILITY S/P/U/CSF</b>	<b>SAMPLE COLLECTION TIME</b>	<b>METHOD</b>	<b>TURN AROUND TIME</b>
URINE FOR EOSINOPHILS	NOT APPLICABLE	URINE	50 ML PLASTIC TIGHTLY CAPPED CONTAINER	20 ML	A- 1-2HRS R- 24 HRS	NOT APPLICABLE	MICROSCOPY	4 HRS.
URINE FOR FAT GLOBULES	NOT APPLICABLE	URINE	50 ML PLASTIC TIGHTLY CAPPED CONTAINER	20 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	MICROSCOPY	4 HRS.
URINE FOR METACHROMATIC GRANULES	NOT APPLICABLE	URINE	50 ML PLASTIC TIGHTLY CAPPED CONTAINER	20 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	MICROSCOPY	4 HRS.
URINE FOR RBC ( CP003 / 1306)	NOT APPLICABLE	URINE	50 ML PLASTIC TIGHTLY CAPPED CONTAINER	20 ML	A- 1-2HRS R-1- 24 HRS	NOT APPLICABLE	AUTOMATED URINE ANALYSER + MICROSCOPY	4 HRS.

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URINE HAEMOGLOBIN	NOT APPLICABLE	URINE	50 ML PLASTIC TIGHTLY CAPPED CONTAINER	20 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	AUTOMATED URINE ANALYSER + SPECTROPHOTOMETRY	4 HRS.
URINE KETONES	NOT APPLICABLE	URINE	50 ML PLASTIC TIGHTLY CAPPED CONTAINER	20 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	AUTOMATED URINE ANALYSER	4 HRS.
URINE OCCULT BLOOD	NOT APPLICABLE	URINE	50 ML PLASTIC TIGHTLY CAPPED CONTAINER	20 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	AUTOMATED URINE ANALYSER + MICROSCOPY	4 HRS.
URINE ROUTINE	NOT APPLICABLE	URINE	50 ML PLASTIC TIGHTLY CAPPED CONTAINER	20 ML	A- 1-2HRS R- 2 HRS	NOT APPLICABLE	AUTOMATED URINE ANALYSER + MICROSCOPY	4 HRS.

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
URINE TEST FOR ALBUMIN (DIPSTICK)	NOT APPLICABLE	URINE	50 ML PLASTIC TIGHTLY CAPPED CONTAINER	20 ML	A->2HRS	NOT APPLICABLE	AUTOMATED URINE ANALYSER	4 HRS.
URINE PROTIEIN	NOT APPLICABLE	URINE	50 ML PLASTIC TIGHTLY CAPPED CONTAINER	20 ML	A->2HRS	NOT APPLICABLE	AUTOMATED URINE ANALYSER	4 HRS.
URINE UROBILINOGEN	NOT APPLICABLE	URINE	50 ML PLASTIC TIGHTLY CAPPED CONTAINER	20 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	AUTOMATED URINE ANALYSER	4 HRS.
URINE PROTEIN / CREATININE RATIO URINE SPOT	NONE	URINE	URINE CONTAINER WITHOUT PRESERVATIVE	10 ML	REFRIGERATED 1 WEEK FROZEN 2 WEEKS	24 HRS	BIURET / JAFFE'S	3 HRS
UREA (SERUM)	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	2 TO 25 C FOR 7 DAYS FROZEN 2 WEEKS	24 HRS	UREASE KINETIC	3 HRS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
UREA (URINE 24 HRS)	NONE	URINE	URINE CONTAINER WITHOUT PRESERVATIVE TO REFRIGERATE DURING AND AFTER COLLECTION	10 ML	2 TO 8 C FOR 7 DAYS 15 TO 25 C FOR 2 DAYS	AFTER 24 HRS COLLECTION	UREASE KINETIC	3 HRS
UREA (SPOT / RANDOM URINE)	NONE	URINE	URINE CONTAINER WITHOUT PRESERVATIVE	10 ML	2 TO 8 C FOR 7 DAYS 15 TO 25 C FOR 2 DAYS	24 HRS	UREASE KINETIC	3 HRS
URIC ACID (SERUM)	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	2 TO 8 C FOR 7 DAYS 15 TO 25 C FOR 3 DAYS	24 HRS	URICASE / PEROX	3 HRS
URIC ACID (URINE 24 HRS)	NONE	URINE	URINE CONTAINER WITHOUT PRESERVATIVE TO REFRIGERATE DURING AND AFTER COLLECTION	10 ML	15 TO 25 C FOR 4 DAYS ADD SODIUM HYDROXIDE TO BRING THE PH BETWEEN 8 TO 9	AFTER 24 HRS COLLECTION	URICASE / PEROX	3 HRS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
URIC ACID (SPOT / RANDOM URINE)	NONE	URINE	URINE CONTAINER WITHOUT PRESERVATIVE	10 ML	IF NOT DONE IMMEDIATELY ADD SODIUM HYDROXIDE TO BRING THE PH BETWEEN 8 TO 9	24 HRS	URICASE / PEROX	3 HRS
VAGINAL CULTURE	NONE	HIGH VAGINAL SWAB,VAGINAL DISCHARGE, VULVAL SWAB, LABIAL SWAB	STERILE CULTURE COLLECTING SWAB	2 SWAB	ROOM 2 HRS, REFRIGERATED 24 HRS, FROZEN NA	24 HRS	MICROSCOPY CULTURE/SENSITIVITY.	48 HOURS
VDRL (RPR)	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 4 WEEKS	24 HRS	FLOCCULATION TEST	AFTER 24 HOURS
VZV - PCR	NONE	<b>EDTA BLOOD</b>	VIOLET CAPPED VACUTAINER	3ML	SEPARATE ASEPTICALLY PLASMA WITH IN 1 HOUR OF COLLECTION ROOM NA, REFRIGERATED NA, FROZEN 2 WEEKS	24 HRS	PCR	AFTER 7 DAYS(RANBAXY)
VZV IGG	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 4 WEEKS	24 HRS	ELISA	AFTER 7 DAYS O/S(RANBAXY)

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
VZV IGM	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM 2 HRS, REFRIGERATED 1WEEK, FROZEN 4 WEEKS	24 HRS	ELISA	AFTER 7 DAYS O/S(RANBAXY)
VOMITUS FOR HAEMOSIDERIN	NOT APPLICABLE	VOMITUS	50 ML PLASTIC TIGHTLY CAPPED CONTAINER	20 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	MICROSCOPY	4 HRS.
VOMITUS FOR OCCULT BLOOD	NOT APPLICABLE	VOMITUS	50 ML PLASTIC TIGHTLY CAPPED CONTAINER	20 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	HEMOSPOT	4 HRS.
VALPROIC ACID	NONE	BLOOD	RED RED CAPPED VACUTAINER,DON OT INVERT THE TUBE. DONOT USE GEL BARRIER TUBE.	4 ML	REFRIGERATED 1 WEEK FROZEN 2 WEEKS	24 HRS	CHEMILUMINES CENCE	3 DAYS, O/S (ANAND LAB)

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
VANILLYLMANDELIC ACID (VMA) (24 HRS URINE)	DRUGS - THEOPHYLLINE, CHOCOLATE, VANILLA, BANANA, ALCOHOLIC BEVERAGES, TEA / COFFEE, TOBACCO AND STRENUOUS EXERCISE TO BE AVOIDED 72 HRS BEFORE SAMPLE COLLECTION	URINE	URINE CONTAINER WITH PRESERVATIVE 10 ML OF 6 N HCL	10 ML	2 TO 8 C FOR 15 DAYS WITH ADJUSTMENT OF PH <2.0	AFTER 24 HRS COLLECTION	COLUMN CHROMATOGRAPHY	72 HRS
VASOACTIVE INTESTINAL PEPTIDES	NONE	BLOOD	EDTA TUBE-LAVENDER CAPPED	4 ML	MIX BY INVERSION CENTRIFUGE AND SEPARATE PLASMA AND TRANSFER TO PLASTIC VIAL AND FREEZE IMMEDIATELY	SAMPLE BY 7TH OF THE MONTH	RADIO IMMUNO ASSAY	3 WEEKS, O/S (LALPATH'S - USA)
VITAMIN B12	OVERNIGHT FASTING REQUIRED	BLOOD	RED CAPPED VACUTAINER	4 ML	15 TO 30 C FOR 8 HRS 2 TO 8 C FOR 48 HRS > 48 HRS AT -20 C	FASTING	CHEMILUMINESCENCE	24 HRS

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VITAMIN D (25 – HYDROXY)	NONE	BLOOD	RED CAPPED VACUTAINER	4 ML	2 TO 8 C FOR 3 DAYS -20 FOR 3 WEEKS	24 HRS	ENZYME IMMUNO ASSAY	7 DAYS, O/S (APOLLO CHENNAI)
WEIL FELIX	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM NA, REFRIGERATED 2DAYS, FROZEN 2 WEEKS	24 HRS	TUBE AGGLUTINATION	AFTER 24 HOURS
WIDAL	NONE	SERUM	RED CAPPED VACUTAINER/ YELLOW CAP VACUTAINER	4ML	ROOM NA, REFRIGERATED 2DAYS, FROZEN 2 WEEKS	24 HRS	TUBE AGGLUTINATION	AFTER 24 HOURS
WOUND CULTURE	NONE	EXUDATES PUS SWABS	STERILE CULTURE COLLECTING SWAB	2 SWAB	ROOM 2 HRS, REFRIGERATED 48 HRS, FROZEN NA	24 HRS	MICROSCOPY CULTURE/SENSITIVITY.	48 HOURS

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TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
WBC COUNT [DIFFERENTIAL]	NOT APPLICABLE	WB	K2- EDTA VACUTAINER	3 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	AUTOMATED CELL COUNTER/ MICROSCOPY	4HRS
WBC COUNT [TOTAL]	NOT APPLICABLE	WB	K2- EDTA VACUTAINER	3 ML	A- 2HRS R- 24 HRS	NOT APPLICABLE	AUTOMATED CELL COUNTER/ MICROSCOPY	4HRS
XCYTON TB PULMONARY (NAAT-CHEX)	NONE	BONE MARROW/BRONCHIAL LAVAGE/BRUSHINGS /OTHER BODY FLUID/SPUTUM/URINE (EARLY MORNING)	STERILE CULTURE COLLECTING SWAB	COLLECT APPROXIMATELY 15-30 ML OF URINE	IF A DELAY IN TRANSPORT OR PROCESSING IS ANTICIPATED, KEEP THE SPECIMEN AT 4°C.	24 HRS	NAAT CHEX	AFTER 48 HOURS
ZINC	PATIENT SHOULD AVOID SEA / FRESH WATER FISH 3 DAYS BEFORE COLLECTION	BLOOD	RED CAPPED VACUTAINER METAL FREE	4 ML	2 TO 8 C 48 HRS FROZEN 1 WEEK	SAMPLE BY MONDAY / THURSDAY 11 AM	ATOMIC ABSORPTION SPECTROMETRY	7 DAYS, O/S (LALPATH'S LAB)
PROTEIN	NONE	PERITONEAL FLUID	STERILE CONTAINER WITHOUT PRESERVATIVE	10 ML	REFRIGERATED 1 WEEK FROZEN 2 WEEKS	24 HRS	BIURET	3 HRS

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LDH	NONE	PERITONEAL FLUID	STERILE CONTAINER WITHOUT PRESERVATIVE	10 ML	2 TO 8 C FOR 4 DAYS 15 TO 25 C FOR 7 DAYS	24 HRS	LACTATE - PYRUVATE UV	3 HRS
GLUCOSE	NONE	PERITONEAL FLUID	STERILE CONTAINER WITHOUT PRESERVATIVE	10 ML	TO BE DONE IMMEDIATELY	24 HRS	HEXOKINASE/GLUCOSE-6-PHOSPHATE DEHYDROGENASE	3 HRS
PROTEIN	NONE	CSF	STERILE CONTAINER WITHOUT PRESERVATIVE	4 ML	ANALYSE FRESH	24 HRS	PYROGALLOL RED	3 HRS
LDH	NONE	CSF	STERILE CONTAINER WITHOUT PRESERVATIVE	4 ML	ANALYSE FRESH	24 HRS	LACTATE - PYRUVATE UV	3 HRS
GLUCOSE	NONE	CSF	STERILE CONTAINER WITHOUT PRESERVATIVE	4 ML	ANALYSE FRESH	24 HRS	HEXOKINASE/GLUCOSE-6-PHOSPHATE DEHYDROGENASE	3 HRS

<b>APOLLO</b>	<b>FORMATS / CHECKLISTS / DATASHEETS</b>	<b>REV. NO.: 0</b>
<b>DOC. CODE</b>	<b>TITLE: SAMPLE COLLECTION SPECIFICATION</b>	<b>DATE: 26 /07/2010</b>
<b>LSA/COM/PRE/DS-02</b>	<b>REF. TO LEVEL II DOC. PRE 5.4</b>	<b>PAGE 120 of 121</b>

TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
CHLORIDE	NONE	CSF	STERILE CONTAINER WITHOUT PRESERVATIVE	4 ML	ANALYSE FRESH	24 HRS	ISE (DIRECT / INDIRECT)	3 HRS
GLUCOSE	NONE	PLEURAL FLUID	STERILE CONTAINER WITHOUT PRESERVATIVE	10 ML	TO BE DONE IMMEDIATELY	24 HRS	HEXOKINASE/GLUCOSE-6-PHOSPHATE DEHYDROGENASE	3 HRS
PROTEIN	NONE	PLEURAL FLUID	STERILE CONTAINER WITHOUT PRESERVATIVE	10 ML	REFRIGERATED 1 WEEK FROZEN 2 WEEKS	24 HRS	BIURET	3 HRS
LDH	NONE	PLEURAL FLUID	STERILE CONTAINER WITHOUT PRESERVATIVE	10 ML	2 TO 8 C FOR 4 DAYS 15 TO 25 C FOR 7 DAYS	24 HRS	LACTATE - PYRUVATE UV	3 HRS
GLUCOSE	NONE	URINE	CONTAINER WITHOUT PRESERVATIVE	10 ML	TO BE DONE IMMEDIATELY	24 HRS	HEXOKINASE/GLUCOSE-6-PHOSPHATE DEHYDROGENASE	3 HRS

<b>APOLLO</b>	<b>FORMATS / CHECKLISTS / DATASHEETS</b>	<b>REV. NO.: 0</b>
<b>DOC. CODE</b>	<b>TITLE: SAMPLE COLLECTION SPECIFICATION</b>	<b>DATE: 26 /07/2010</b>
<b>LSA/COM/PRE/DS-02</b>	<b>REF. TO LEVEL II DOC. PRE 5.4</b>	<b>PAGE 121 of 121</b>

TEST NAME	PATIENT PREPARATION	TYPE OF SAMPLE	TYPE OF CONTAINER	QUANTITY OF SAMPLE REQUIRED	STABILITY S/P/U/CSF	SAMPLE COLLECTION TIME	METHOD	TURN AROUND TIME
PROTEIN	NONE	URINE	CONTAINER WITHOUT PRESERVATIVE	10 ML	2 TO 8 C FOR 48 HRS	24 HRS	PYROGALLOL RED	3 HRS

**RESTRICTION FOR PLASMA CATECHOLAMINES TEST.**

PATIENT SHOULD STRICTLY AVOID - DRUGS LIKE METHYLDOPHA, LABETALOL, ISOPROTERENOL, ISOETHARINE, ALPHA-ONE BLOCKERS, AMINOPHYLLINE, AMPHETAMINES, AMPICILLIN, BETA-BLOCKERS, EPHEDRINE, IMIPRAMINE, NICOTINE, PHENACETIN, THEOPHYLLINE, PHENOTHIAZINE, VASODILATORS, ASPIRIN, PAS, ALPHA-TWO AGONISTS, BROMOCRIPTINE, CALCIUM CHANNEL BLOCKERS, L-DOPA, CIMETIDINE, CLOFIBRATE, MAOINHIBITORS, PROPRANOLOL, PENICILLIN, RESERPINE, THYROXINE, VIGOROUS EXERCISE, SEVERE STRESS AND CIGARETTE SMOKING AT LEAST 72 HRS BEFORE COLLECTION.

**PATIENT PREPARATION FOR STOOL OCCULT BLOOD .**

AVOID ASPIRIN AND OTHER NON-STEROIDAL ANTI-INFLAMMATORY DRUGS SUCH AS: IBUPROFEN, NAPROXEN FOR SEVEN DAYS PRIOR TO AND DURING THE TEST PERIOD. AVOID FOR 48 HOURS PRIOR AND DURING THE TEST PERIOD VITAMIN-C IN EXCESS OF 250 MG/ DAY, RED MEAT (BEEF, LAMB, LIVER) RAW FRUITS, VEGETABLES (MELONS, TURNIP, HORSERADISH).

**AUTHENTICATION**

PARTICULARS	DESIGNATION	SIGNATURE
PREPARED BY	TECHNICAL MANAGER	
REVIEWED AND APPROVED BY	LABORATORY DIRECTOR	
ISSUED BY	QUALITY MANAGER	