

DIRECTORY

LIST OF TESTS IN ALPHABETICAL ORDERS

**MINISTRY OF HEALTH
CLINICAL LABORATORY SERVICES**

LIST OF TESTS

Zone : C : CHL R : Regional Lab. P: Peripheral Lab

Frequency : B : batch D : daily W1: weekly WR : when required W2: Twice weekly

Tests highlighted in BOLD are also carried out of Hours

Page	TESTS	Specimen	Collection	Department	Zone C/R/P	Frequency
16	ABO Grouping	Blood	Plain tube	BTS	CR	D
15	Acid Phosphatases	Blood	Plain Tube	Biochemistry I	C	W ₁
18	Activated Protein C Resistance (APCR)	Blood	Tri-sodium Citrate	Haematology	C	D
21,22	Adenovirus	Stools	Sterile Container	Virology & Molecular	C	D
15	Albumin (Blood)	Blood	Lithium Heparin	Biochemistry I	CR	D
15	Albumin / 24 hrs Protein)(Urine)	Urine	Clean Bottle	Biochemistry I	CR	D1
18	Alkali denaturation Test	Blood	EDTA	Haematology	CR	D
15	Alkaline Phosphatase	Blood	Lithium Heparin	Biochemistry I	CR	D
15	Alpha fetoprotein (AFP)	Blood	Plain Tube	Biochemistry II	C	B
15	Amylase (Serum)	Blood	Lithium Heparin	Biochemistry I	CR	D
15	Amylase (Urine)	Urine	Urine	Biochemistry I	CR	D
16	Anti bodies Identification	Blood	Plain Tube	BTS	C	D
16	Anti bodies Titration	Blood	Plain Tube	BTS	C	D
18	Anti ds DNA Antibodies	Blood	Plain Tube	Haematology	C	W1
12-14	Anti Streptolysin O Titre	Blood	Plain Tube	Bacteriology	C	D
18	Anti-ds DNA	Blood	Plain Tube	Haematology	C	W1
18	Antinuclear antibodies/ S-LE latex Test	Blood	Plain Tube	Haematology	C	W1
18	Anti-thrombin III test	Blood	Tri-sodium Citrate	Haematology	C	D
16	Apheresis – Platelets/Red cells	Blood	Donor	BTS	C	D
17	Barr Bodies	Buccal Smears	Patient	Cytology	C	D
15	Bence Jones Protein	Urine	Urine	Biochemistry I	CR	W1
15	Bile Pigments	Urine	Urine	Biochemistry I	CR	D
15	Bile salts	Urine	Urine	Biochemistry I	CRP	D
15	Bilirubin (Babies)	Blood	Lithium Heparin	Biochemistry I	CR	D
15	Bilirubin (Amniotic Fluid)	Amniotic Fluid	Plain Tube	Biochemistry I	CRP	D
15	Bilirubin (Conjugated)	Blood	Lithium Heparin	Biochemistry I	CR	D
15	Bilirubin (Total)	Blood	Lithium Heparin	Biochemistry I	CR	D
18	Bleeding Time	Blood	Patient	Haematology	CR	D
12-14	Blood C&S	Blood	Blood Culture Bottle	Bacteriology	C	D
18	Blood Film Report	Blood	EDTA	Haematology	CRP	D
15	Blood Gases	Blood	Lithium Heparin	Biochemistry I	SSR	D
18	Bone Marrow Aspiration Examination	Bone Marrow	EDTA	Haematology	CR	D
18	Bone Marrow Aspiration Procedure	Bone Marrow	Patient	Haematology	CR	D
18	Bone marrow examination	Bone Marrow	EDTA	Haematology	CR	D
12-14	Brucella agglutination test	Blood	Plain Tube	Bacteriology	C	D
15	Ca 15 – 3	Blood	Plain Tube	Biochemistry II	C	B
15	Calcium (Blood)	Blood	Lithium Heparin	Biochemistry I	CR	D
15	Calcium (Blood) for Babies	Blood	Lithium Heparin	Biochemistry I	CR	D
15	Calcium (Urine)	Urine	24h Specimen*	Biochemistry I	CR	W1
15	Carcino-Embryonic Antigen (CEA)	Blood	Plain Tube	Biochemistry II	C	B
12-14	Catheter Tips	Catheter Tips	Tips	Bacteriology	C	D
21,22	CD4 & CD8	Blood	EDTA	Virology &	C	D

				Molecular		
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21,22	Chikungunya By Serology or PCR	Blood	Plain Tube	Virology & Molecular	C	D
15	Cholesterol	Blood	Lithium Heparin	Biochemistry I	CR	D
15	Cholesterol-HDL	Blood	Lithium Heparin	Biochemistry II	C	D
15	Chromatography (amino acid)	Urine	Clean Container	Biochemistry II	C	B
15	Chromatography (organic acid)	Urine	Clean Container	Biochemistry II	C	B
15	Chromatography (sugars)	Urine	Clean Container	Biochemistry II	C	B
16	Cold Agglutinins Identification	Blood	Plain Tube	BTS	C	D
16	Coomb's Test	Blood	Plain Tube	BTS	CR	D
15	Cortisol	Blood	Lithium Heparin	Biochemistry II	C	B
12-14	<i>Clostridium difficile</i> toxin	Stools	Clean Container	Bacteriology	C	D
15	C-Reactive Protein (CRP)	Blood	Plain / Lit.Heparin	Biochemistry II	C	D
15	Creatinine (Blood))	Blood	Lithium Heparin	Biochemistry I	CR	D
15	Creatinine (Urine)	Urine	24h Specimen	Biochemistry I	CR	D
15	Creatinine clearance (Blood + 24 hr Urine)	Blood + Urine	Lith. Hep/ Plain	Biochemistry I	C	D
15	Creatinine Phosphokinase (CPK)	Blood	Lithium Heparin	Biochemistry I	CR	D
16	Cross Matching	Blood	Plain Tube	BTS	CR	D
16	Cryoprecipitate Preparation	Blood	Blood Bag	BTS	C	D
15	CSF (Biochemistry)	CSF	Sterile Bijoux	Biochemistry I	CR	D
18	CSF (Blast Cells)	CSF	Sterile Bijoux	Haematology	CR	D
12-14	CSF M, C&S	CSF	Sterile Container	Bacteriology	C	D
15	Cyclosporine	Blood	EDTA/ Lit.Heparin	Biochemistry II	C	B
15	Cystine screen	Urine	Clean Container	Biochemistry II	C	D
17	Cytology (CSF for Malignant Cells)	CSF	Sterile Bijoux	Cytology	C	D
17	Cytology (Fine Needle Aspiration)	FNA	Smears	Cytology	C	D
17	Cytology (Fine Needle Aspiration)		Patient	Cytology	C	WR
17	Cytology Gynae	Cervical Smears	Cervical Smears	Cytology	C	D
17	Cytology Surgical	Sputum, Fluids	Clean container	Cytology	C	D
21,22	Cytomegalovirus IgG, IgM (CMV Abs)	Blood	Plain Tube	Virology & Molecular	C	W3
18	D-Dimers	Blood	Tri-sodium Citrate	Haematology	C	D
21,22	Dengue by serology or PCR	Blood	Plain Tube	Virology & Molecular	C	D
12-14	Ear swab M, C&S	Ear swab	Swab	Bacteriology	C	D
21,22	EBV Antibodies	Blood	Plain Tube	Virology & Molecular	C	D
15	Electrolytes (Blood) (K, Na, Cl, HCO3)	Blood	Lithium Heparin	Biochemistry I	CR	D
15	Electrolytes (Urine) (Na, K, Cl)	Urine	Plain Tube	Biochemistry I	CR	D
18	Electrophoresis (Haemoglobin)	Blood	EDTA	Haematology	C	W1
15	Electrophoresis (Protein)	Blood	Plain Tube	Biochemistry II	C	W
15	Electrophoresis (Protein)	Urine	24h Specimen	Biochemistry II	C	W
18	Eosinophil Count	Blood	EDTA	Haematology	CR	D

18	ESR (Westergren)	Blood	EDTA	Haematology	CR	D
12-14	Eye swab M, C&S	Eye swab	Swab	Bacteriology	C	D
18	Factor assay V, VII, VII, IX, X	Blood	Tri-sodium Citrate	Haematology	CR	D
18	Factor assay V, VII, VII, IX, X	Blood	Tri-sodium Citrate	Haematology	CR	D
18	FBC (Automated)	Blood	EDTA	Haematology	CR	D
15	Ferritin	Blood	Plain Tube	Biochemistry II	C	B
18	Fibrinogen Degradation Product (FDF)	Blood	Tri-sodium Citrate	Haematology	CR	D
18	Fibrinogen level	Blood	Tri-sodium Citrate	Haematology	CR	D
20	Filaria	Blood	Blood Film /EDTA	Parasitology	C	D
16	Filtered Blood	Blood	Plain Tube	BTS	C	D
15	Five- HIAA Screening	Urine	Clean Container	Biochemistry II	C	D

12-14	Fluids (Pleural etc) For M, C&S	Fluids	Sterile Container	Bacteriology	C	D
15	Follicle Stimulating Hormone (FSH)	Blood	Plain Tube	Biochemistry II	C	B
12-14	Food Bacteriological Analysis	Food	Sterile Container	Bacteriology	C	W ₂
16	Fresh Frozen Plasma Preparation	Blood	Blood Bag	BTS	C	D
15	Frutosamine	Blood	Lithium Heparin	Biochemistry II	C	B
18	G-6-PD Screening Test	Blood	EDTA	Haematology	CR	D
15	Gamma GT	Blood	Lithium Heparin	Biochemistry I	C	D
15	Gastric Juice Analysis	Gastric Juice	Clean Container	Biochemistry II	C	WR
15	Glucose (Plasma)	Blood	Fluoride Oxalate	Biochemistry I	CRP	D
15	Glucose (Urine)	Urine	Clean Container	Biochemistry I	CRP	D
15	Glycated Haemoglobin (Hb A1C)	Blood	EDTA	Biochemistry II	C	B
15	Growth Hormone	Blood	Plain Tube	Biochemistry II	C	B
18	Ham's Test	Blood	EDTA	Haematology	C	D
18	Hb (Haemoglobin)	Blood	EDTA	Haematology	CRP	D
18	Hb A2 estimation	Blood	EDTA	Haematology	CR	D
18	Hb F	Blood	EDTA	Haematology	CR	D
18	Hb H	Blood	EDTA	Haematology	CR	D
18	Hb S	Blood	EDTA	Haematology	CR	D
21,22	HCV Viral load	Blood	EDTA	Virology & Molecular	C	W1
21,22	HCV Western Blot	Blood	Plain Tube	Virology & Molecular	C	D
12-14	Helicobacter pylori antibodies	Blood	Plain Tube	Bacteriology	C	D
21,22	Hepatitis A IgM (HAV Ig M)	Blood	Plain Tube	Virology & Molecular	C	W1
21,22	Hepatitis B Antibodies (Anti HBs)	Blood	Plain Tube	Virology & Molecular	C	D
21,22	Hepatitis B Core antigen	Blood	Plain Tube	Virology & Molecular	C	W1
21,22	Hepatitis B E antigen	Blood	Plain Tube	Virology & Molecular	C	W1
21,22	Hepatitis B Surface Antigen (Hbs Ag)	Blood	Plain Tube	Virology & Molecular	C	D
21,22	Hepatitis C Antibodies (HCV)	Blood	Plain Tube	Virology & Molecular	C	D
21,22	HIV	Blood	Plain Tube	Virology & Molecular	C	D
21,22	HIV P24 antigen	Blood	Plain Tube	Virology & Molecular	C	D
21,22	HIV Viral load	Blood	EDTA	Virology & Molecular	C	W1
21,22	HIV Western Blot	Blood	Plain Tube	Virology & Molecular	C	D
16	HLA B27	Blood	Plain Tube	BTS	C	B
16	HLA Cross matching	Blood	Plain Tube	BTS	C	B
16	HLA Typing	Blood	Plain Tube	BTS	C	B
15	Human Chorionic Gonadotropin Hormone (BHCG)	Blood	Plain Tube	Biochemistry II	C	B

18	Immunophenotyping	Blood	Heparin	Haematology	C	B
21,22	Influenza Seasonal and Pandemic	Swab	VTM	Virology & Molecular	C	D
18	Inhibitors Screening Test	Blood	Tri-sodium Citrate	Haematology	C	B
18	INR	Blood	Tri-sodium Citrate	Haematology	CR	D
15	Iron	Blood	Plain Tube	Biochemistry II	C	B
15	Ketones	Urine	Clean Container	Biochemistry I	CRP	D
18	Legionella antigen	Urine	Clean Container	Bacteriology	C	D
21,22	Leptospirosis by Serology and PCR	Blood	Plain Tube	Virology & Molecular	C	D
12-14	Intravascular catheter M, C&S	Line Tips	Tips	Bacteriology	C	D
18	Lupus inhibitor	Blood	Tri-sodium Citrate	Haematology	C	D
15	Luteinising Hormone (LH)	Blood	Plain Tube	Biochemistry II	C	B
12-14	M tuberculosis examination	Sputum etc	Sterile Container	Bacteriology	C	D
15	Magnesium	Blood	Plain Tube	Biochemistry II		
20	Malaria	Blood	Blood /EDTA	Parasitology	C	D
21,22	Measles	Blood	Plain Tube	Virology &	C	W1

				Molecular		
18	Methaemoglobin screening	Blood	EDTA	Haematology	C	D
15	Microalbumin	Urine	Clean Container	Biochemistry II	C	B
15	Urine Microscopy	Urine	Clean Container	Biochemistry I	CRP	D
15	Mucopolysaccharides	Blood	Clean Container	Biochemistry II	C	D
12-14	Mycology (hair) M, C&S	Plucked hair	Envelope	Bacteriology	C	D
12-14	Mycology (nail) M, C&S	Nail clippings	Envelope	Bacteriology	C	D
12-14	Mycology (skin) M, C&S	Skin scrapings	Envelope	Bacteriology	C	D
21,22	Mycoplasma Antibodies	Blood	Plain Tube	Virology & Molecular	C	D
15	Myoglobin	Urine	Clean Container	Biochemistry II	C	D
15	Occult Blood	Stools	Clean Container	Biochemistry I	CRP	D
15	Osmolality	Blood	Plain Tube	Biochemistry II	C	D
15	Osmolality	Urine	Clean Container	Biochemistry II	C	D
18	Osmotic fragility	Blood	EDTA	Haematology	CR	D
18	Packed Cells Volume (PCV)	Blood	EDTA	Haematology	CR	D
15	pH	Urine	Clean Container	Biochemistry I	CRP	D
16	Phenotyping and Genotyping	Blood	Plain Tube	BTS	C	D
15	Phenylalanine	Blood	Plain Tube	Biochemistry II	C	B
15	Phosphorus	Blood	Lithium Heparin	Biochemistry I	CR	D
15	Plasma Glucose	Blood	Fluoride Oxalate	Biochemistry I	CRP	D
16	Platelets Concentrate Preparation	Blood	Blood Bag	BTS	C	D
18	Platelets Count	Blood	EDTA	Haematology	CR	D
15	Porphyrin (Urobilinogen / Porphobilinogen)	Urine	Clean Container	Biochemistry II	C	D
19	Post Mortem Examination	Tissue	Formol Saline	Histology	C	D
20	Pregnancy Test (Urine)	Urine	Clean container	Parasitology	C	D
15	Prolactin	Blood	Plain Tube	Biochemistry II	C	B
15	Prostate Specific Antigen (PSA)	Blood	Plain tube	Biochemistry II	C	B
18	Protein C	Blood	Tri-sodium Citrate	Haematology	C	D
18	Protein S	Blood	Tri-sodium Citrate	Haematology	C	D
18	Prothrombin Time / INR	Blood	Tri-sodium Citrate	Haematology	CR	D
18	PTTK	Blood	Tri-sodium Citrate	Haematology	CR	D
18	PTT-Lupus anticoagulant	Blood	Tri-sodium Citrate	Haematology	C	D
12-14	Pus M, C&S	Pus	Sterile container	Bacteriology	C	D
18	Red Cells Count (RCC)	Blood	EDTA	Haematology	CR	D
15	Renal Calculi	Urine	Stone	Biochemistry I	C	B
18	Reticulocyte count	Blood	EDTA	Haematology	CR	D
16	Rhesus (D) Grouping	Blood	Plain Tube	BTS	C	D

16	Rhesus Phenotyping	Blood	Plain tube	BTS	C	D
12-14	Rheumatoid (Rh) Factor (Latex)	Blood	Plain Tube	Bacteriology	C	D
12-14	Rose-Waaler test	Blood	Plain Tube	Bacteriology	C	D
21,22	Rota Virus	Stools	Sterile Container	Virology & Molecular	C	D
21,22	Rubella virus Antibodies	Blood	Plain Tube	Virology & Molecular	C	D
15	Salicylates	Blood	Lithium Heparin	Biochemistry II	C	D
18	Schumm's Test (Methalbumin)	Blood	EDTA	Haematology	CR	D
15	SGOT	Blood	Lithium Heparin	Biochemistry I	CR	D
15	SGPT	Blood	Lithium Heparin	Biochemistry I	CR	D
18	Sickling Test/ Haemoglobin S	Blood	EDTA	Haematology	CR	D
15	Specific gravity	Urine	Clean Container	Biochemistry I	CRP	D
19	Specimen for histopathology	Tissue	Formol Saline	Histology	C	D
20	Sperm Analysis	Seminal Fluid	Clean Container	Parasitology	C	D
12-14	Sputum M, C&S	Sputum	Sterile Container	Bacteriology	C	D
15	Stercobilinogen	Stools	Clean Container	Biochemistry II	C	D
12-14	Stools M, C&S	Stools	Sterile Container	Bacteriology	C	D

20	Stools Microcopy for Ova & Protozoa	Stools	Clean Container	Parasitology	C	D
12-14	Swabs M, C&S	Swabs	Swabs	Bacteriology	C	D
15	Sweat Test	Sweat	Clean container	Biochemistry II	C	D
12-14	Throat swab M, C&S	Throat swab	Swab	Bacteriology	C	D
18	Thrombin Time	Blood	Tri-sodium Citrate	Haematology	CR	D
15	Thyroid functions (T4, TSH)	Blood	Plain Tube	Biochemistry II	C	B
15	Total Protein	Blood	Plain Tube	Biochemistry I	CR	D
20	Toxoplasma Antibodies	Blood	Plain tube	Parasitology	C	W2
15	Triglycerides	Blood	Lithium Heparin	Biochemistry I	CR	D
15	Urea (Blood)	Blood	Lithium Heparin	Biochemistry I	CRP	D
15	Urea (Blood)	Blood	Lithium Heparin	Biochemistry I	CRP	D
15	Urea (Urine)	Urine	Clean Container	Biochemistry I	CR	D
12-14	Urethral swab M, C&S	Urethral swab	Swab	Bacteriology	C	D
15	Uric Acid	Blood	Blood	Biochemistry I	CRP	D

12-14	Urine M, C&S	Urine	Sterile Container	Bacteriology	C	D
20	Urine Microscopy for Schistosomiasis	Urine	Clean Container	Parasitology	C	D
15	Urobilinogen	Urine	Clean Container	Biochemistry I	CRP	D
21,22	Vaginal / Urethral Swabs M/C/S	Swab	Swab	Virology & Molecular	C	D
12-14	Vaginal swab M, C&S	Vaginal swab	Swab	Bacteriology	C	D
21,22	Varicella	Blood	Plain Tube	Virology & Molecular	C	D
21,22	VDRL + TPHA / VDRL	Blood	Plain Tube	Virology & Molecular	C	D
18	VIIC inhibitor (Bethesda Method)	Blood	Tri-sodium Citrate	Haematology	C	B
21,22	Virus Isolation	Fluids & Tissues	Sterile Container	Virology & Molecular	C	D
15	VMA Screen	Urine	Clean container	Biochemistry II	C	W
12-14	Water (Bottled) Analysis	Water	Bottled water	Bacteriology	C	D
12-14	Water (Tap) Analysis	Water	Sterile container	Bacteriology	C	D
21,22	Weil Felix Agglutination Test	Blood	Plain Tube	Virology &	C	D

				Molecular		
18	White Cells Count (WCC)	Blood	EDTA	Haematology	CR	D
18	White Cells Differential Count (DC)	Blood	EDTA	Haematology	CR	D
12-14	Widal Test	Blood	Plain Tube	Bacteriology	C	D
12-14	Wound swab M, C&S	Wound swab	Swab	Bacteriology	C	D