

Medical Biochemistry Department

Website: <http://medbirti@gmail.com>
Email: medbirti@gmail.com

Biochemistry Bldg, Mulago Hospital & Complex
LABORATORY CONSORTIUM

Tel: +256 414 696 913, +256 782 466 154
+256 705 159 876

Basic Metabolic Scan

TEST	
1. Urinalysis	
2. Liver Function Tests (LFTS)	ALT GGT Tbil TP AST ALP Dbil Alb
3. Renal Function Tests (RFTs)	Creatinine Urea
4. Electrolytes	Na, K and Cl
5. Hematology	CBC
6. Random Blood Sugar(RBS)	
7. Common Infections	Malaria RDT TH-pylori Ag RDT Syphilis (TPHA RDT) HIV 1 & 2 Serology Typhoid Screening Brucella Screening
Rapid Diagnostic test	
SARS-COV-2(COVID 19)	
Urine HCG	
Hep B Abs	
Hep B Ag	
Hep C Abs	
Hep C Ag	
Immunological Arrays	
Immunoglobulin A	
Immunoglobulin G	
Immunoglobulin M	
Complement C3 Kit	
Complement C4 Kit	

Comprehensive (Full Body) Metabolic Scan

BASIC METABOLIC SCAN PLUS	
o Basic Renal Function Tests (RFTs) PLUS	
Uric Acid	
Creatinine Clearance	
o Electrolytes PLUS + Extended Lytes - Inorganic Chemistry	
Calcium	Magnesium
CO2 (Bicarbonate)	PO4 (Phosphate)
	
o CBCPLUS ESR	
o C-Reactive Proteins	
o Lipid Profile	
Total Cholesterol	
Triglycerides	
HDL	
LDL	
o Diabetic Panel	
Random Blood Sugar (RBS)	
Fasting Blood Sugar(FBS)	
HbA1c	
Glucose Tolerance test	



Specialists' Metabolic Scan

IMMUNO CHEMISTRY PLUS	
1. Anaemia Profile	VIT B12 Iron Transferrin Folate
2. Blood Clotting	G6PD Normalized Ratio D-Dimer
3. Cardiac Profile	PT/INR (Prothrombin Time/ International CKMB CK LDH AST
4. Troponin 1 High Sensitivity	
5. Bone Profile	Alkaline Phosphatase VIT -D
6. Thyroid Profile Tests	Parathyroid Hormone TSH T4 T3
7. Endocrine Array	Cortisol (AM and PM)
8. Pancreatic Tests	Lipase Amylase
9. Prostatic Tests	PSA
10. Bio Markers	Catalyase Malondialdehyde (Oxidative Stress Marker) Glutathione
11. Tumor Markers	ALPHA Feto-protein CEA C125
12. Fertility Tests	LH FSH B-HCG Prolactin Progesterone Testosterone Estrogen (E2)
13. Vitamins	VIT -C VIT-A

Infectious Diseases Molecular Diagnostic Arrays

1. Sexually Transmitted Infections Array	
Nesseria gonorrhea (NG), Mycoplasma genitalium (MG) Troponema pallidum (TP), Heamophilus ducreyi (HD), etc Herpes simplex (HSV 1 & 2), Mycoplasma Hominis(MH), Ureaplasma urealyticum(UU)	
2. Urinary Tract Infections (UTI) Array	
Escherichia coli, Acinetobacter species, Citrphacter species, Klebsiella species, Enterocater species, Proteus spp, Pseudomonas agalactae, etc. Fugal - Candida albicans	
3. Chronic Lung Infection (CLD) Array	
Viral-Adeno Virus, Influenza virus (A& B), Rhinovirus (A,B,C) Respiratory syncytial Virus (A & B), etc. Bacterial - Streptococcus pneumoniae (21 spp), Streptococd spp (19ssp), Haemophilus influenza, Bordatella pertusis, Pseudomonas aerugiosa, Mycobacteria avium complex (4 ssp),	
4. SARS-COV-2 Array	
SARS-COV-2 (COVID-19)	
5. Extended Coronavirus Array	

