

LABORATORY CONSORTIUM

Main Branch & Head Office: PLOT 3 TEGULA ROAD

Near Kasangati Health Centre IV Kasangati Gayaza RD, P.O.Box 5524 Kampala- Uganda.

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

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



The Laboratory Consortium provides clinical care, training and conducts research in both communicable and non-communicable diseases with the overall objective of building capacity in the laboratory sector.

1. Health Care and Clinical Research.

i) Comprehensive Geriatric & Wellness Assessment

a. Biochemistry

- o Clinical Chemistry
- o Immuno Chemistry

* Metabolic abnormalities:-

- Genetics
- In-born errors of metabolism
- Chronic diseases
- Aging;

~Geriatric Physiological derangements

b. Heamatology

- o Immuno heamatology

c. Infectious Diseases

- o Microbial Culture and Sensivity
- o Antimicrobial resistance testing

d. Public Health Microbiology Laboratories

- o Food & Water testing
- o Environmnetal Microbiology

(ii) Cancer Screening



2. Laboratory Services

- Quality improvement in the private laboratories

3. Capacity Building and Systems Strengthening.

- Training
- Technology advancement
- Diagnostic insfructure

4. Global Security:

- Laboratory Detection and Prevention of disease out breaks and epidemics.

5. Diagnostic discovery

- Clinical trials;
 - o Precision, Accuracy
 - o Validation of diagnostic tools and reliability.
 - o Evaluation of new diagnostics

OTHER BRANCHES

1. LABORATORY CONSORTIUM
Optim Wellness Clinic
UNMU bldg Next to First Pharmacy
Upper Mulago Hill Road

2. LABORATORY CONSORTIUM
Medical Biochemistry bldg
Mulago Hospital & Complex

3. LABORATORY CONSORTIUM
Public Health Microbiology Laboratories
Mulago

OUR PARTNERS



LQMS is Supported by:- The Laboratory Consortium. <http://labconsortium.com>

AVAILABLE TESTS

Basic Metabolic Scan

1. Urinalysis
2. Liver Function Tests (LFTS)
 - ALT
 - AST
 - GGT
 - TP
 - Tbil
 - Dbil
 - Alb
 - ALP



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



Comprehensive (Full Body) Metabolic Scan

Basic Metabolic Scan PLUS:

- RTF with Uric acid, Creatinine Clearance and Extended Electrolytes, CBC & ESR, Lipid Profile
- 8. Lipid Profile
 - Total Cholesterol
 - Triglycerides
 - Direct HDL
 - Direct LDL
- 9. Diabetic Panel
 - Random Blood Sugar (RBS)
 - Fasting Blood Sugar (FBS)
 - HbA 1C
 - Glucose Tolerance Test
- 10. C- Reactive Proteins



Rapid Diagnostic Tests

- 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

Specialists Metabolic Scan

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

2. Urinary Tract Infections (UTI) Array

Escherichia coli, Acinetoabactor species, Citrpbacter species, Klebsiella species, Eneterocater species, Proteus spp, Pseudomonas agalactae, etc. Fugal - Candida albicans

3. Chronic Lung Infection (CLI) Array

Viral-Adeno Virus, Influenza virus (A& B), Rhinovirus (A,B,C) Respiratory syncytial Virus (A & B), etc. Bacterial - Streptococcus pneumoniae (21 spp), Streptococud 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

