

## LABORATORY REPORT

Patient Name : SAMUEL KWABIA

Sample ID : SK08180657

Gender / Age : MALE/ 28 YEARS

Sample Date : 06-AUGUST-2018

Consulting Doctor : DR. COMFORT A. WIREKO

Specimen : BLOOD

### DEPARTMENT OF HAEMATOLOGY

Investigation	Result	Units	Reference Range
<b>FULL BLOOD COUNT (FBC)</b>			
HAEMOGLOBIN	14.6	g/dL	11.5 - 17.00
TOTAL LEUCOCYTE COUNT	3.85	10 <sup>9</sup> /L	2.50 - 8.50
<b><u>DIFFERENTIAL LEUCOCYTE COUNT:</u></b>			
NEUTROPHIL	59.5	%	37.00 - 72.00
LYMPHOCYTE	33.5	%	20.00 - 50.00
MONOCYTE	6.1	%	0.00 - 14.00
EOSINOPHIL	0.1	%	0.00 - 6.00
BASOPHIL	0.8	%	0.00 - 1.00
RED BLOOD CELLS	5.00	10 <sup>12</sup> /L	3.50 - 5.50
PCV	45.9	%	36.00 - 48.00
MCV	91.7	fL	80.00 - 100.00
MCH	29.1	pg	27.00 - 34.00
MCHC	31.8	g/dL	32.00 - 36.00
RDW(CV)	13.3	%	11.50 - 14.00
PLATELET COUNT	336	10 <sup>9</sup> /L	150.00 - 450.00

**Method: STANDARD**

\*\*\* END OF REPORT \*\*\*

Remarks :

**SIGNED BY BIOMEDICAL SCIENTIST**

**Key: BLUE COLOUR-ABNORMAL LOW, RED COLOUR - ABNORMAL HIGH.**

All reports need Clinical correlation. Please discuss if needed. Test results relate only to the item tested. No part of the report can be reproduce without permission of the Laboratory.



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### DEPARTMENT OF SEROLOGY & HAEMATOLOGY

Investigation	Result	Units	Reference Range
HBsAg	REACTIVE		-
HCV	NON-REACTIVE		
RETROVIRAL SCREEN	NON-REACTIVE		

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Specimen : URINE

### DEPARTMENT OF CLINICAL PATHOLOGY

Investigation	Result	Units	Reference Range
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#### URINE R/E

##### PHYSICAL EXAMINATION

Colour	Straw	-
Transparency	Clear	-
Specific Gravity	1.020	-

##### CHEMICAL EXAMINATION

Reaction	Acidic	-
PH	5.0	-
Protein	Negative	-
Sugar	Negative	-
Ketone	Negative	-
Bilirubin	Negative	-
Urobilinogen	Normal	-
Blood	Negative	-
Nitrite	Negative	-
Leucocyte	Negative	-

##### MICROSCOPIC EXAMINATION

Pus Cells	1	/ HPF	-
RBCs	0	/ HPF	-
Epithelial cells	1	/ HPF	-
Cast	Nil	/ HPF	-
Crystal	Nil	/ HPF	-
Bacteria	Nil	/ HPF	-
Others	Nil		

**Method : STANDARD**

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### DEPARTMENT OF BIOCHEMISTRY

Investigation	Result	Units	Reference Range
<b>LFT</b>			
TOTAL BILIRUBIN	8.6	mmol/L	0.00 - 20.00
DIRECT BILIRUBIN	6.7	mmol/L	0.00 - 9.00
INDIRECT BILIRUBIN	1.9	mmol/L	0.00 - 14.80
ALT(SGPT)	20.1	U/L	0.00 - 58.00
AST(SGOT)	15.7	U/L	0.00 - 55.00
ALKALINE PHOSPHATASE	106.0	U/L	38.0 – 126.00
GGT	51.0	U/L	0.00 - 55.00
TOTAL PROTEIN	81.6	g/L	57.00 - 85.00
ALBUMIN	49.5	g/L	35.00 - 52.00
GLOBULIN	32.1	g/L	23.00 - 34.00
ALB/GLB	1.54	Ratio	1.50 - 2.26
<b>LIPID PROFILE</b>			
TOTAL CHOLESTEROL	5.51	mmol/L	3.30 - 6.20
TRIGLYCERIDES	0.78	mmol/L	0.40 – 2.25
HDL CHOLESTEROL	1.73	mmol/L	1.03 - 2.00
LDL CHOLESTEROL	3.43	mmol/L	≤ 3.90
<b>BUE-CREAT</b>			
UREA	4.5	mmol/L	1.70 - 8.30
CREATININE	84.8	umol/L	MALE (61.00 - 120.00) FEMALE (59 – 97)
SODIUM	141.0	mmol/L	135.00 - 150.00
POTASSIUM	4.00	mmol/L	3.50 - 5.50
CHLORIDE	103.4	mmol/L	96.0 – 115.0
<b>FASTING BLOOD SUGAR</b>			
FASTING BLOOD SUGAR	4.86	mmol/L	3.60 - 6.40

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