



# STRHOMAA LABORATORIES

*The result you can trust*

NAME PROTUS KAKAI  
GENDER Male  
AGE 53 yrs  
PAYMENT Cash

VISIT NO 1020240307001  
REGISTERED ON 07/03/2024 09:33 AM  
COLLECTED ON 07/03/2024 09:34 AM  
REPORTED ON 07/03/2024 10:07 AM

## BIOCHEMISTRY

| TESTS                      | RESULTS     | UNITS   | REFERENCE RANGE |
|----------------------------|-------------|---------|-----------------|
| <b>UECS</b>                |             |         |                 |
| <b>Renal Function Unit</b> |             |         |                 |
| Urea                       | 21.1 (H)    | m.mol/L | 1.7-8.3         |
| Creatinine (Serum)         | 1412.15 (H) | umol/L  | 53-123.7        |
| Sodium                     | 136.77      | m.mol/L | 135-150         |
| Potassium                  | 4.04        | m.mol/L | 3.5-5.5         |
| Chloride                   | 107.40 (H)  | m.mol/L | 95-105          |

### Interpretation

CKD EPI – 3 mL/min/1.73 m2, MDRD EGFR –4 mL/min/1.73 m2. The GFR estimate may be unreliable in the following instances:  
Pregnancy, Obesity, the elderly

### Comment

| Kidney Damage Stage | Description                                     | GFR   |
|---------------------|-------------------------------------------------|-------|
| 1.                  | Normal or minimal kidney damage with normal GFR | >90   |
| 2.                  | Mild decrease in GFR                            | 60-89 |
| 3.                  | Moderate decrease in GFR                        | 30-59 |
| 4.                  | Sever decrease in GFR                           | 15-29 |
| 5.                  | Kidney Failure                                  | <15   |

\*\* END OF REPORT \*\*



LAB TECHNOLOGIST

Room No. 8 & 9, Fortis Suites, 9th floor, Hospital Road, Nairobi, Kenya.  
Shop No 8, Almond Court, 3rd Parklands, Nairobi, Kenya.  
Mobile: 0714 722 646 / 0703 359 583. Email: info@strhomaalabs.co.ke





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Mr. PROTUS KAKAI

VIN NO: PO202411128

Age: 55 Year(s) Sex: Male

Tel No : 07.....

Reference: Dr. LONDON DIALYSIS  
CENTRE

SAMPLE COLLECTED AT:  
PATH STAR MEDICAL LAB  
FORTIS TOWER 1ST FLOOR.  
P.O BOX 39768 - 00623

VIN: PO202411128

Registered On:

07/11/2024 12:14 P:M

Collected On:

07/11/2024 12:14 P:M

Reported On:

07/11/2024 13:59 P:M

Investigation

RENAL FUNCTION TEST

Urea, Serum  
(Serum)

Creatinine  
(Serum)

eGFR (CKD-EPI)

Observed Value

31.86

1559.3

2.80

Unit

mmol/L

μmol/L

ml/min/1.73 sq m

Normal Reference Range

1.7-8.3

30-120

Normal -OR mild decrease in  
GFR: > 59  
Moderate decrease GFR: 30-  
Severe decrease in GFR: 15-  
End stage Kidney failure: < 15

MDRD EGFR  
(Serum)

3.00

ml/min/1.73 sq m

Normal GFR: > 90  
Mild decrease in GFR: 60-89  
Moderate decrease GFR: 30-  
Severe decrease in GFR: 15-  
Kidney failure GRF: < 15

Electrolytes  
(Serum, ISE)

Sodium

~~✱~~ Potassium

Chloride

131

5.7

102

mmol/L

mmol/L

mmol/L

136-145

3.5-5.5

97-111

-- End of Report --

mboga kinyaji

Giron

Ngambi.





Mr. PROTUS KAKAI

VIN NO: PO202412025

Age: 53 Year(s) Sex: Male

Tel No : 07.....

Reference: Dr. LONDON MEDICAL  
DIALYSIS

SAMPLE RECEIVED AT:  
PATH STAR MEDICAL LAB  
FORTIS TOWER 1ST FLOOR.  
P.O BOX 39768 - 00623

VIN: PO202412025

Registered On

02/12/2024 14:08 P:M

Collected On

02/12/2024 14:08 P:M

Reported On

02/12/2024 15:00 P:M

Investigation

Observed Value

Unit

Normal Reference Range

RENAL FUNCTION TEST

Urea, Serum  
(Serum)

39.17

mmol/L

1.7-8.3

Creatinine  
(Serum)

1815.7

µmol/L

30-120

eGFR (CKD-EPI)

2.40

ml/min/1.73 sq m

Normal -OR mild decrease in  
GFR: > 59  
Moderate decrease GFR: 30  
Severe decrease in GFR: 15  
End stage Kidney failure: < 1

MDRD EGFR  
(Serum)

2.50

ml/min/1.73 sq m

Normal GFR: > 90  
Mild decrease in GFR: 60-89  
Moderate decrease GFR: 30  
Severe decrease in GFR: 15  
Kidney failure GRF: < 15

Electrolytes  
(Serum, ISE)

Sodium

131

mmol/L

136-145

Potassium

6.4

mmol/L

3.5-5.5

Chloride

103

mmol/L

97-111

-- End of Report --

## FAMLINK HEALTH SERVICES LABORATORY



Forts Suits Upperhill, 1st floor Rm 102, Along Hospital Rd, Next to KNH

P.O. Box 43614-00100, NAIROBI

Phone: 0720 265 340 / 0733 845 174

Email: famlinklaboratory@gmail.com

No. **3717**

Date... **10/04/2025**

Received From... **PROTUS MUKHONGO KAKAI**

Being payment of.....

**LAB SERVICES**

The Sum of Kshs... **FIVE THOUSAND FIVE  
HUNDRED SHILLINGS ONLY**

Kshs. **5,500/-**  
CASH/CHEQUE

With Thanks

For: FAMLINK HEALTH SERVICE

**TDA274BVX0**

Signature of The Recipient



Mr. PROTUS MUKHONGO KAKAI

VIN NO: PO202607041

Age: 55 Year(s) Sex: Male

Tel No : 07.....

Reference: Dr. LONDON DIALYSIS  
CENTRE

SAMPLE RECEIVED AT:  
PATH STAR MEDICAL LAB  
FORTIS TOWER 1ST FLOOR.  
P.O BOX 39768 – 00623

VIN: PO202607041

Registered On:

02/07/2026 13:07 P:M

Collected On:

02/07/2026 13:07 P:M

Reported On:

02/07/2026 13:58 P:M

| <u>Investigation</u>              | <u>Observed Value</u> | <u>Unit</u>          | <u>Normal Reference Range</u> |
|-----------------------------------|-----------------------|----------------------|-------------------------------|
| <b><u>F.H.G HAEMOGRAM:</u></b>    |                       |                      |                               |
| <b><u>Erythrocytes</u></b>        |                       |                      |                               |
| Erythrocyte (RBC) Count           | <b><u>3.76</u></b>    | mill/cu.mm           | 4.7-6.0                       |
| Haemoglobin (Hb)                  | <b><u>10.2</u></b>    | gm/dL                | 13.5-18                       |
| PCV (Packed Cell Volume)          | <b><u>33.2</u></b>    | %                    | 42-52                         |
| MCV (Mean Corpuscular Volume)     | 88.3                  | fL                   | 78-100                        |
| MCH (Mean Corpuscular Hb)         | 27.1                  | pg                   | 27-31                         |
| MCHC (Mean Corpuscular Hb Conc.)  | <b><u>30.7</u></b>    | g/dL                 | 32-36                         |
| RDW (Red Cell Distribution Width) | 14.1                  | %                    | 11.5-14.0                     |
| <b><u>Leucocytes</u></b>          |                       |                      |                               |
| Total Leucocytes (WBC) count      | <b><u>3.8</u></b>     | $10^3/\mu\text{L}$   | 4-10.5                        |
| Neutrophils                       | 67                    | %                    | 40-80                         |
| Lymphocytes                       | 26                    | %                    | 20-40                         |
| Monocytes                         | 6                     | %                    | 2.0-10                        |
| Eosinophils                       | 3                     | %                    | 1-6                           |
| Basophils                         | 0                     | %                    | 0-2                           |
| <b><u>Platelets</u></b>           |                       |                      |                               |
| Platelet count                    | 218                   | $10^3 / \mu\text{l}$ | 150-450                       |
| MPV (Mean Platelet Volume)        | 14.0                  | fL                   | 6.8-10.5                      |

**Pathologist Remark:**

EDTA Whole Blood - Tests done on Automated Cell Counter. (WBC, RBC Platelet count by impedance method, WBC differential by VCS technology other parameters calculated) All Abnormal Haemograms are reviewed confirmed microscopically. Differential count is based on approximately 10,000 cells.



NICHOLAS WANYONYI  
LAB TECHNOLOGIST



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| <u>Investigation</u>                      | <u>Observed Value</u> | <u>Unit</u>      | <u>Normal Reference Range</u>                                                                                                                |
|-------------------------------------------|-----------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b><u>RENAL FUNCTION TEST</u></b>         |                       |                  |                                                                                                                                              |
| <b><u>Urea, Serum</u></b><br>(Serum)      | <b><u>21.89</u></b>   | mmol/L           | 1.7-8.3                                                                                                                                      |
| <b><u>Creatinine</u></b><br>(Serum)       | <b><u>1186.0</u></b>  | μmol/L           | 30-120                                                                                                                                       |
| <b>eGFR (CKD-EPI)</b>                     | <b><u>3.9</u></b>     | ml/min/1.73 sq m | Normal -OR mild decrease in<br>GFR: > 59<br>Moderate decrease GFR: 30-59<br>Severe decrease in GFR: 15-29<br>End stage Kidney failure: < 15  |
| <b>MDRD EGFR</b><br>(Serum)               | <b><u>4.1</u></b>     | ml/min/1.73 sq m | Normal GFR: > 90<br>Mild decrease in GFR: 60-89<br>Moderate decrease GFR: 30-59<br>Severe decrease in GFR: 15-29<br>Kidney failure GRF: < 15 |
| <b><u>Electrolytes</u></b><br>(Serum,ISE) |                       |                  |                                                                                                                                              |
| <b>Sodium</b>                             | 140                   | mmol/L           | 136-145                                                                                                                                      |
| <b>Potassium</b>                          | 4.3                   | mmol/L           | 3.5-5.5                                                                                                                                      |
| <b>Chloride</b>                           | 100                   | mmol/L           | 97-111                                                                                                                                       |

-- End of Report --



NICHOLAS WANYONYI  
LAB TECHNOLOGIST