

**ARAMED**

# 25, 26, 27, St 154, Phsa Thmei 3, Daun Penh, Phnom Penh, Kh.

www.paramed-lab.com.kh, Email: paramedlab@gmail.com

● **LABORATORY** Phone: 011 853 939, 016 880 750, 012 222 799**LABORATORY  
REPORT**Patient's name: **HENG VANNAT**

Age: 49 years old

Sex: Male



Request by:

Request date: 16/10/2024 Print date: 16/10/2024 12:50

Phone Dr./Prof.:

PID:

LAB No: **161024-1791**

| REQUEST                            | DEMANDE                         | RESULT | UNIT                             | REF.RANGE        |
|------------------------------------|---------------------------------|--------|----------------------------------|------------------|
| <b>HEMATOLOGY</b>                  | <b>HEMATOLOGIE</b>              |        |                                  |                  |
| <b>CBC</b>                         | <b>NFS</b>                      | .      | .                                |                  |
| White blood cells                  | Leucocytes                      | 6.12   | 10 <sup>3</sup> /mm <sup>3</sup> | (4.0 - 10.0)     |
| Red blood cells                    | Hematies                        | 5.18   | 10 <sup>6</sup> /mm <sup>3</sup> | (4.5 - 5.6)      |
| Hemoglobin                         | Hemoglobine                     | 15.8   | g/dL                             | (12.0 - 17.0)    |
| Hematocrit                         | Hematocrite                     | 44.4   | %                                | (36.0 - 50.0)    |
| MCV                                | VGM                             | 85.7   | fL                               | (80.0 - 95.0)    |
| MCH                                | TCMH                            | 30.5   | pg                               | (27.0 - 33.0)    |
| MCHC                               | CCMH                            | 35.6   | %                                | (30.0 - 36.0)    |
| RDW-SD                             | RLD - SD                        | 37.4   | fL                               | (25.0 - 75.0)    |
| RDW-CV                             | RLD - CV                        | 11.7   | %                                | (11.0 - 14.0)    |
| <b>Platelets</b>                   | <b>Plaquettes</b>               | 177    | 10 <sup>3</sup> /mm <sup>3</sup> | (150 - 400)      |
| PDW                                | LPD                             | 9.8    | fL                               | (5.0 - 30.0)     |
| MPV                                | VMP                             | 9.3    | fL                               | (5.0 - 11.5)     |
| <b>Differential count</b>          | <b>Formule Leucocytaire</b>     | .      | .                                |                  |
| Neutrophils (%)                    | P. neutrophiles (%)             | 52.4   | %                                | (40.0 - 75.0)    |
| Eosinophils (%)                    | P. eosinophiles (%)             | 6.5    | %                                | (0.0 - 6.0)      |
| Basophils (%)                      | P. basophile (%)                | 0.3    | %                                | (0.0 - 1.0)      |
| Lymphocytes (%)                    | Lymphocytes (%)                 | 31.0   | %                                | (20.0 - 45.0)    |
| Monocytes (%)                      | Monocytes (%)                   | 9.8    | %                                | (3.0 - 10.0)     |
| Neutrophils (giga/L)               | P. neutrophiles (giga/L)        | 3.20   | giga/L                           | (2.0 - 7.0)      |
| Eosinophils (giga/L)               | P. eosinophiles (giga/L)        | 0.40   | giga/L                           | (0.04 - 0.7)     |
| Basophils (giga/L)                 | P. basophile (giga/L)           | 0.02   | giga/L                           | (0.0 - 0.2)      |
| Lymphocytes (giga/L)               | Lymphocytes (giga/L)            | 1.90   | giga/L                           | (1.50 - 4.0)     |
| Monocytes (giga/L)                 | Monocytes (giga/L)              | 0.60   | giga/L                           | (0.2 - 1.0)      |
| <b>Erythro. sedimentation rate</b> | <b>Vitesse de sedimentation</b> | .      |                                  |                  |
| (ESR)                              | (VS)                            | 10     | mm/h                             | (5.0 - 20.0)     |
| <b>ENZYMOLGY</b>                   | <b>ENZYMOLOGIE</b>              |        |                                  |                  |
| SGOT (ASAT)                        | SGOT (ASAT)                     | 65     | U/L                              | (M < 37; F < 32) |
| SGPT (ALAT)                        | SGPT (ALAT)                     | 109    | U/L                              | (M < 40; F < 32) |



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|---------------------------|---------------------------|-------------|---------|---------------------------|
| <b>ENZYMOLOGY</b>         | <b>ENZYMOLOGIE</b>        |             |         |                           |
| Gamma - GT                | Gamma-GT                  | <b>66</b>   | U/L     | (M < 61; F < 39)          |
| <b>BIOCHEMISTRY</b>       | <b>BIOCHIMIE</b>          |             |         |                           |
| Urea                      | Uree Sanguine             | 34          | mg/dL   | (10 - 45)                 |
|                           |                           | 5.68        | mmol/L  | (1.67 - 7.52)             |
| Creatinin                 | Creatinine                | 0.82        | mg/dL   | (< 1.30)                  |
|                           |                           | 72.49       | μmol/L  | (< 115)                   |
| Uric Acid                 | Acide Urique              | 6.0         | mg/dL   | (2.5 - 6.0)               |
|                           |                           | 356.88      | μmol/L  | (149 - 357)               |
| Calcium                   | Calcium                   | 9.3         | mg/dl   | (8.4 - 10.4)              |
|                           |                           | 2.33        | mmol/L  | (2.10 - 2.60)             |
| Glucose                   | Glucose                   | <b>150</b>  | mg/dL   | (75 - 110)                |
|                           |                           | 8.33        | mmol/dL | (4.1 - 6.1)               |
| <b>HbA1C</b>              | <b>HbA1C</b>              | <b>8.30</b> | %       |                           |
| HbA1c Ranges Ideal        |                           | .           | .       | (4.5 - 6.0)               |
| Optimal                   | Optimale                  | .           | .       | (6.5 - 7.0)               |
| Supoptimal                |                           | .           | .       | (7.1 - 8.0)               |
| Unacceptable              | Inacceptable              | .           | .       | (> 8.0)                   |
| CRP (C-Reactive Proteine) | CRP (C-Reactive Proteine) | 5.39        | mg/L    | (< 6.00 )                 |
| Magnesium                 | Magnesium                 | 2.2         | mg/dL   | (1.9 - 2.5)               |
|                           |                           | 0.90        | mmol/L  | (0.78 - 1.0)              |
| Serum Iron                | Fer Serique               | 113         | μg/dL   | (59 - 158)                |
|                           |                           | 20.23       | μmol/L  | (10.6 - 28.3)             |
| <b>Electrolyte</b>        | <b>Electrolyte</b>        | .           | .       |                           |
| Sodium                    | Sodium (Na+)              | 140         | mmol/L  | (135 - 148)               |
| Potassium                 | Potassium (K+)            | 4.5         | mmol/L  | (3.5 - 5.3)               |
| Chloride                  | Chlorures (Cl-)           | 102         | mmol/L  | (98 - 107)                |
| <b>LIPID PROFILE</b>      | <b>BILAN LIPIDE</b>       |             |         |                           |
| Cholesterol, Total        | Cholesterol Totale        | 146         | mg/dL   | (< 200)                   |
|                           |                           | 3.78        | mmol/L  | (< 5.17)                  |
| HDL Cholesterol           | Cholesterol HDL           | 41          | mg/dL   | ( F.: > 65, M.: > 55)     |
|                           |                           | 1.06        | mmol/L  | ( F.: > 1.68, M.: > 1.45) |

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| <b>LIPID PROFILE</b>      | <b>BILAN LIPIDE</b>           |                   |        |                                 |
| LDL Cholesterol           | Cholesteroles LDL             | 75                | mg/dL  | (< 100)                         |
|                           |                               | 1.94              | mmol/L | (< 2.59)                        |
| Triglycerides             | Triglycerides                 | 177               | mg/dL  | (< 150)                         |
|                           |                               | 2.00              | mmol/L | (< 1.70)                        |
| <b>THYROID FUNCTION</b>   | <b>FONTION THYROIDE</b>       |                   |        |                                 |
| FT4 (Roche)               | T4 Libre                      | 1.40              | ng/dL  | (0.93 - 1.70)                   |
|                           |                               | 18.02             | pmol/L | (12.0 - 22.0)                   |
| TSH (Roche)               | TSH                           | 2.83              | μUI/mL | (0.27 - 4.42)                   |
|                           |                               | 2.83              | mUI/L  | (0.27 - 4.42)                   |
| <b>URINALYSIS</b>         | <b>ANALYSE URINAIRE</b>       |                   |        |                                 |
| <b>1-Urine Macroscopy</b> | <b>1-Macroscopie Urinaire</b> | .                 | .      |                                 |
| Colour                    | Couleur                       | Yellow            |        |                                 |
| Turbidity                 | Turbidité                     | Clear             |        |                                 |
| <b>2-Urine Chemistry</b>  | <b>2-Biochimie Urinaire</b>   | .                 | .      |                                 |
| Nitrites                  | Nitrites                      | Negative          |        | (Neg.)                          |
| Urobilinogen              | Urobilinogene                 | Negative          |        | (Neg.)                          |
| Protein                   | Protéine                      | Negative          |        | (Neg.)                          |
| pH                        | pH                            | 5.0               |        | (5.0 - 8.0)                     |
| Blood                     | Erythrocytes                  | Negative          |        | (Neg.)                          |
| Specific Gravity          | Densité                       | 1.020             |        | (1.005 - 1.025)                 |
| Ketone                    | Corps cétoniques              | Negative          |        | (Neg.)                          |
| Bilirubin                 | Bilirubine                    | Negative          |        | (Neg.)                          |
| Glucose                   | Glucose                       | <b>Positive +</b> |        | (Neg.)                          |
| ASC                       | Acide Ascorbique              | Negative          |        | (Neg.)                          |
| <b>3-Urine Microscopy</b> | <b>3-Microscopie Urinaire</b> | .                 | .      |                                 |
| White Blood Cells         | Leukocytes                    | 3                 |        | (0 - 10 Cells/mm <sup>3</sup> ) |
| Red Blood Cells           | Hématies                      | 0                 |        | (0 - 10 Cells/mm <sup>3</sup> ) |
| Epithelial Cells          | Cellules Epithélial           | Rare              |        |                                 |
| Casts                     | Cylindres                     | Nil               |        |                                 |
| Crystals                  | Cristaux                      | Nil               |        |                                 |



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| <b>URINALYSIS</b>           | <b>ANALYSE URINAIRE</b>   |        |      |               |
| Micro albumine,Quantitative |                           | 40     | mL   |               |
| Micro albumin               | Microalbumine             | 9      | mg/L | (< 20)        |
| Creatinine (Urine)          | Creatinine (Urine)        | 1.13   | g/L  | (0.45 - 1.20) |
| Albumine/Creatinine Ratio   | Albumine/Creatinine Ratio | 7.96   | mg/g | (< 30)        |