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# BIOMED PHNOM PENH

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### MEDICAL ANALYSIS LABORATORY

No 359Eo, Kampuchea Krom, Blvd, Sangkat Phsar Depot III

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PHNOM-PENH, : 31-May-2024

Speciment No.: 240531116

Collection : Biomed

NAME : TAN LENG  
COME FROM : Biomed Phnom-Penh

AGE : 80 SEX : Male

## HEMATOLOGY

### CELL BLOOD COUNT

|                            |        |                     |                 |
|----------------------------|--------|---------------------|-----------------|
| White blood cell . . . . . | : 6.7  | 10 <sup>3</sup> /uL | (Ref: 4.0-10 )  |
| Red blood cell . . . . .   | : 5.8  | 10 <sup>6</sup> /uL | (Ref: 4.5-5.5 ) |
| Haemoglobin . . . . .      | : 12.0 | g/dL                | (Ref: 13-18 )   |
| Hematocrit . . . . .       | : 38.2 | %                   | (Ref: 40-54 )   |
| M.C.V . . . . .            | : 65.7 | fL                  | (Ref: 80-95 )   |
| M.C.H . . . . .            | : 20.7 | pg                  | (Ref: 27-32 )   |
| M.C.H.C . . . . .          | : 31.4 | g/dL                | (Ref: 32-36 )   |
| Platelet count . . . . .   | : 316  | 10 <sup>3</sup> /uL | (Ref: 150-400 ) |

### DIFFERENTIAL COUNT

|                       |        |   |                 |
|-----------------------|--------|---|-----------------|
| Neutrophils . . . . . | : 52.9 | % | (Ref: 40-74 )   |
| Eosinophils . . . . . | : 1.4  | % | (Ref: 0.0-7.0 ) |
| Basophils . . . . .   | : 0.5  | % | (Ref: 0.0-1.5 ) |
| Lymphocytes . . . . . | : 36.3 | % | (Ref: 20-50 )   |
| Monocytes . . . . .   | : 8.9  | % | (Ref: 0.0-11 )  |

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### BIOCHEMISTRY

|                             |        |       |                  |
|-----------------------------|--------|-------|------------------|
| Glucose . . . . .           | : 133  | mg/dL | (Ref: 74-109 )   |
| Total Cholesterol . . . . . | : 150  | mg/dL | (Ref: < 200 )    |
| HDL-Cholesterol . . . . .   | : 44   | mg/dL | (Ref: 45 - 65 )  |
| LDL-Cholesterol . . . . .   | : 95   | mg/dL | (Ref: < 100 )    |
| Triglyceride . . . . .      | : 143  | mg/dL | (Ref: < 200 )    |
| Uric Acid . . . . .         | : 4.0  | mg/dL | (Ref: 3.4 - 7 )  |
| Creatinine . . . . .        | : 0.91 | mg/dL | (Ref: 0.67-1.17) |
| Urea . . . . .              | : 29   | mg/dL | (Ref: 16.6-48.5) |

#### Glycosylated Haemoglobin (Roche)

|                                |        |          |                  |
|--------------------------------|--------|----------|------------------|
| Hb A1c % (DCCT/NGSP) . . . . . | : 6.2  | %        | (Ref: 4.0 - 6.0) |
| Hb A1c (acc to IFCC) . . . . . | : 44.2 | mmol/mol | (Ref: 29 - 42 )  |

(Technique immuno-enzymologique)

#### Glycemic Control Status HbA1c (%)

|                      |            |
|----------------------|------------|
| Non Diabetic (Ideal) | 4.0 - 6.0  |
| Optimal              | 6.1 - 7.0  |
| Suboptimal           | 7.1 - 8.0  |
| Unacceptable         | 8.1 - 14.0 |