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**BIOMED PHNOM PENH
MEDICAL ANALYSIS LABORATORY**

No 359Eo, Kampuchea Krom, Blvd, Sangkat Phsar Depot III
Tel.: 078609609, 012291482, 016291482; Fax.:
E-mail: info@biomedphnompenh.com



PHNOM-PENH, : 29-Jul-2024
Speciment No.: 240729023
Collection : Biomed

NAME : KIN VICHHEKA
COME FROM : PHNOM PENH

AGE : 47 ✓ SEX : Male

HEMATOLOGY

CELL BLOOD COUNT

White blood cell	: 6.8	10 ³ /uL	(Ref: 4.0-10)
Red blood cell	: 5.8	10 ⁶ /uL	(Ref: 4.5-5.5)
Haemoglobin	: 16.6	g/dL	(Ref: 13-18)
Hematocrit	: 49.0	%	(Ref: 40-54)
M.C.V	: 85.1	fL	(Ref: 80-95)
M.C.H	: 28.8	pg	(Ref: 27-32)
M.C.H.C	: 33.9	g/dL	(Ref: 32-36)
Platelet count	: 285	10 ³ /uL	(Ref: 150-400)

DIFFERENTIAL COUNT

Neutrophils	: 54.9	%	(Ref: 40-74)
Eosinophils	: 2.3	%	(Ref: 0.0-7.0)
Basophils	: 0.4	%	(Ref: 0.0-1.5)
Lymphocytes	: 30.8	%	(Ref: 20-50)
Monocytes	: 11.6	%	(Ref: 0.0-11)

EXAMINER

Dr. HENG NAY YIM



NAME : KIN VICHHEKA
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BIOCHEMISTRY

Glucose	: 249	mg/dL	(Ref: 74-109)
Total Cholesterol	: 270	mg/dL	(Ref: < 200)
HDL-Cholesterol	: 43	mg/dL	(Ref: 45 - 65)
LDL-Cholesterol	: 158	mg/dL	(Ref: < 100)
Magnesium	: 1.9	mg/dL	(Ref: 1.6-2.6)
Triglyceride	: 447	mg/dL	(Ref: < 200)
Uric Acid	: 5.7	mg/dL	(Ref: 3.4 - 7)
Creatinine	: 0.76	mg/dL	(Ref: 0.67-1.17)
Urea	: 34	mg/dL	(Ref: 16.6-48.5)
Calcium	: 10.0	mg/dL	(Ref: 8.6-10)
Iron	: 123	µg/dL	(Ref: 33 - 193)

Glycosylated Haemoglobin (Roche)

Hb A1c % (DCCT/NGSP)	: 9.5	%	(Ref: 4.0 - 6.0)
Hb A1c (acc to IFCC)	: 80.5	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

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URINE BIOCHEMISTRY

pH : 6.0
SPECIFIC GRAVITY : 1.015
PROTEIN : Absence
GLUCOSE : POSITIVE ++
KETONE : Absence
BLOOD : Absence
NITRITE : Absence
UROBILINOGEN : Absence
BILIRUBIN : Absence

URINE CYTOLOGY

GENERAL CHARACTERISTICS

COLOUR : Yellow
OPACITY : Clear

CYTOLOGY EXAMEN

White blood cells	: 06	/Champ	(N:0 - 10)
Red blood cells	: 04	/Champ	(N:0 - 10)
Epithelial cells	: Rare		
Bladder cells	: Absence		
Renal cells	: Absence		
Casts	: Absence		
Crystals	: Absence		
Bacteria	: Absence		
Yeast cells	: Absence		
Trichomonas	: Absence		

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ENZYMOLLOGY

AST (Aspartate Aminotrans.)	: 114	U/L	(Ref: 0 - 40)
ALT (Alanine Aminotrans..)	: 110	U/L	(Ref: 0 - 41)
GGT (Gamma Glutamyl Transferase)	: 590	U/L	(Ref: 10 - 71)

ELECTROLYTES

Sodium (Na+)	: 139	mmol/L	(Ref: 135-145)
Potassium (K+)	: 4.4	mmol/L	(Ref: 3.5-5.5)
Chlorures (Cl-)	: 99	mmol/L	(Ref: 98-107)

SEROLOGY

SEROLOGY OF HEPATITIS B

HBs Ag (Hepatitis B Surface Antigen) . . .	: Non Reactive	0.35	COI (NR: < 1.0)
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SEROLOGY OF HEPATITIS C

Anti-HCV Antibody	: Non Reactive	0.28	COI (NR: < 1.0)
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SEROLOGY OF HEPATITIS B (Cobas e601)

Anti-HBs Antibody	: Reactive	323.7	UI/L (NR: < 10)
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