

**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: **HEM CHHARUN**

Age: 68 years old

Sex: Male



Request by: Dr. ROS SOVIRO

Request date: 09/05/2023

Print date: 09/05/2023 14:48

Phone Dr./Prof.:

PID:

LAB No: **090523-7274**

REQUEST	DEMANDE	RESULT	UNIT	REF.RANGE
HEMATOLOGY	HEMATOLOGIE			
CBC	NFS	.	.	
White blood cells	Leucocytes	5.81	10 ³ /mm ³	(4.0 - 10.0)
Red blood cells	Hematies	3.96	10 ¹² /mm ³	(4.5 - 5.6)
Hemoglobin	Hemoglobine	12.7	g/dL	(12.0 - 17.0)
Hematocrit	Hematocrite	37.5	%	(36.0 - 50.0)
MCV	VGM	94.7	fL	(80.0 - 95.0)
MCH	TCMH	32.1	pg	(27.0 - 33.0)
MCHC	CCMH	33.9	%	(30.0 - 36.0)
RDW-SD	RLD - SD	45.2	fL	(25.0 - 75.0)
RDW-CV	RLD - CV	12.8	%	(11.0 - 14.0)
Platelets	Plaquettes	216	10 ³ /mm ³	(150 - 400)
PDW	LPD	10.0	fL	(5.0 - 30.0)
MPV	VMP	9.5	fL	(5.0 - 11.5)
Differential count	Formule Leucocytaire	.	.	
Neutrophils (%)	P. neutrophiles (%)	55.8	%	(40.0 - 75.0)
Eosinophils (%)	P. eosinophiles (%)	2.9	%	(0.0 - 6.0)
Basophils (%)	P. basophile (%)	0.5	%	(0.0 - 1.0)
Lymphocytes (%)	Lymphocytes (%)	32.0	%	(20.0 - 45.0)
Monocytes (%)	Monocytes (%)	8.8	%	(3.0 - 10.0)
Neutrophils (giga/L)	P. neutrophiles (giga/L)	3.24	giga/L	(2.0 - 7.0)
Eosinophils (giga/L)	P. eosinophiles (giga/L)	0.17	giga/L	(0.04 - 0.7)
Basophils (giga/L)	P. basophile (giga/L)	0.03	giga/L	(0.0 - 0.2)
Lymphocytes (giga/L)	Lymphocytes (giga/L)	1.86	giga/L	(1.50 - 4.0)
Monocytes (giga/L)	Monocytes (giga/L)	0.51	giga/L	(0.2 - 1.0)
Erythro. sedimentation rate	Vitesse de sedimentation	.		
(ESR)	(VS)	13	mm/h	(5.0 - 20.0)
Reticulocytes (%)	Réticulocytes (%)	1.14	%	(0.5 - 2.0)
Reticulocytes	Réticulocytes	45.1	10 ³ /mm ³	(22 - 150)
ENZYMOLOGY	ENZYMOLOGIE			
Troponin T hs	Troponin T hs	0.003	ng/mL	(< 0.014)

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ENZYMOLOGY	ENZYMOLOGIE			
SGOT (ASAT)	SGOT (ASAT)	22	U/L	(M < 37; F < 32)
SGPT (ALAT)	SGPT (ALAT)	23	U/L	(M < 40; F < 32)
Gamma - GT	Gamma-GT	20	U/L	(M < 61; F < 39)
Amylase	Amylase	73	U/L	(28 - 100)
Lipase	Lipase	41	U/L	(< 60)
CPK-MB	CPK-MB	1.90	ng/mL	
women	.	.	.	(< 3.77)
men	.	.	.	(< 6.73)
HEPATITIS	HEPATITE			
HBs Ag (MEIA) Roche	Antigene HBs (MEIA)	Negative 0.38	Index	(< 1 Neg.)
Anti - HBs (MEIA) Roche	Anticorps HBs (MEIA)	Positive 116.30	UI/L	(< 10 Neg.)
Anti - HBc Total (MEIA)	Anticorps HBc Total	Positive 0.009	Index	(> 1 Neg.)
Anti - HCV (MEIA) Roche	Anti - HCV (MEIA)	Negative 0.059	Index	(<1 Neg.)
BIOCHEMISTRY	BIOCHIMIE			
Urea	Uree Sanguine	45	mg/dL	(10 - 45)
		7.52	mmol/L	(1.67 - 7.52)
Creatinin	Creatinine	1.05	mg/dL	(< 1.30)
		92.82	μmol/L	(< 115)
Uric Acid	Acide Urique	8.7	mg/dL	(2.5 - 6.0)
		517.48	μmol/L	(149 - 357)
Calcium	Calcium	9.4	mg/dl	(8.4 - 10.4)
		2.35	mmol/L	(2.10 - 2.60)
Glucose	Glucose	101	mg/dL	(75 - 110)
		5.61	mmol/dL	(4.1 - 6.1)
HbA1C	HbA1C	5.60	%	
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)	5.30	mg/L	(< 6.00)
Magnesium	Magnesium	2.3	mg/dL	(1.9 - 2.5)

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BIOCHEMISTRY	BIOCHIMIE			
		0.95	mmol/L	(0.78 - 1.0)
Serum Iron	Fer Serique	117	□g/dL	(59 - 158)
		20.94	□mol/L	(10.6 - 28.3)
Vitamin D Total	Vitamine D Totale	28.41	ng/mL	
Deficient	défectueux	.	.	(< 10)
Insufficient	insuffisant	.	.	(10.0 - 29.9)
Desirable	souhaitable	.	.	(30.0 - 99.9)
Possible Toxicity	Toxicité possible	.	.	(> 100.0)
Electrolyte	Electrolyte	.	.	
Sodium	Sodium (Na+)	135	mmol/L	(135 - 148)
Potassium	Potassium (K+)	4.8	mmol/L	(3.5 - 5.3)
Chloride	Chlorures (Cl-)	106	mmol/L	(98 - 107)
TUMOR MARKERS	MARQUEUR TUMORAL			
AFP (Roche)	AFP (Roche)	2.05	ng/mL	(< 10)
		1.70	UI/mL	(< 8.3)
CEA (Roche)	ACE	2.64	ng/mL	(< 5.0)
CA 19-9 (Roche)	CA 19-9	23.05	U/mL	(< 37)
CA 72-4 (Roche)	CA 72-4	0.88	U/mL	(< 8.20)
PSA total (Roche)	PSA Total	3.26	ng/mL	(< 4)
PSA Free (Roche)	PSA Libre	0.635	ng/mL	(< 0.934)
CYFRA 21-1	CYFRA 21-1	3.29	ng/mL	(< 3.30)
HORMONOLOGY	HORMONOLOGIE			
Cortisol at 8 AM (Roche)	Cortisole at 8 AM(Roche)	10.20	µg/dl	(4.20 - 38.40)
		281.42	nmol/L	(116 - 1059)
LIPID PROFILE	BILAN LIPIDE			
Cholesterol, Total	Cholesterol Totale	194	mg/dL	(< 200)
		5.02	mmol/L	(< 5.17)
HDL Cholesterol	Cholesterol HDL	46	mg/dL	(F.:> 65, M.:>55)
		1.19	mmol/L	(F.: >1.68, M.: >1.45)
LDL Cholesterol	Cholesterol LDL	92	mg/dL	(< 100)
		2.38	mmol/L	(< 2.59)

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LIPID PROFILE	BILAN LIPIDE			
Triglycerides	Triglycerides	130	mg/dL	(< 150)
		1.47	mmol/L	(< 1.70)
THYROID FUNCTION	FONTION THYROIDE			
FT3 (Roche)	T3 Libre	3.32	pg/mL	(2.00 - 4.40)
		5.10	pmol/L	(3.07 - 6.76)
FT4 (Roche)	T4 Libre	1.41	ng/dL	(0.93 - 1.70)
		18.15	pmol/L	(12.0 - 22.0)
TSH (Roche)	TSH	1.86	μUI/mL	(0.27 - 4.42)
		1.86	mUI/L	(0.27 - 4.42)