

**BIOMEDIC DIAGNOSTIC CENTER****LABORATORY REPORT**

No.55, St.566, Boeung Kok I, Toul Kork
Tel 010 378 077 / 012 378 077



biomeddc@gmail.com



www.biomediccambodia.com



Patient ID : G 0 3 2 5 0 0 3 8

Request Date : 25-03-2024 08:07:45 IN

Reported Date : 25-03-2024 13:48:58

Patient Name : KAING KIMNAY

DOB : 01.08.1979

Age : 45Y

Sex : Female

Tel: 092222887

Order owner :

Dr.

Tel.

Test	Result	Unit	Flag	Reference Range
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HEMATOLOGY**CELL BLOOD COUNT**

White Blood Cells	6.300	/mm ³	N	(4 - 10)
Red Blood Cells	4.290.000	/mm ³	N	(3.80 - 5.30)
Haemoglobin (Hb)	8.5	g/dL	L	(12.0 - 16.0)
Hematocrit (Hct)	27.3	%	L	(38.0 - 47.0)
M.C.V	63.6	fL	L	(85.0 - 95.0)
M.C.H	19.8	pg	L	(27.0 - 33.0)
M.C.H.C	31.1	g/dL	L	(32.0 - 36.0)
Platelets	362.000	/mm ³	N	(150 - 400)

DIFFERENTIAL COUNT

Neutrophils	56	%	N	(45 - 70)
Eosinophils	01	%	N	(<= 3)
Basophils	00	%	N	(<= 1)
Lymphocytes	36	%	N	(20 - 40)
Monocytes	07	%	N	(2 - 7)
RDW-SD	40.1	fL	N	(35.0 - 56.0)
RDW-CV	18.0	%	H	(11.0 - 16.0)
PDW	12.3	fL	N	(9.0 - 17.0)
MPV	10.0	fL	N	(6.5 - 12.0)
P-LCR	26.5	%	N	(17.5 - 42.3)
PCT	0.36	%	H	(0.108 - 0.282)

GROUP BLOOD TYPE

Blood Type : GROUP (O) Rhesus (+)

Enter Result By: SOKHIN KAKDA

Verified by: Ph.NOU SAVUTHDY

Assist.Prof.BUTH SOKHAL



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BIOCHEMISTRY			
URIC ACID	2.9	mg/dL	N (2.4 - 5.7)
CALCIUM	9.4	mg/dL	N (8.1 - 10.4)
IRON	25	µg/dL	L (33 - 193)

SEROLOGY

SEROLOGY OF HELICOBACTER PYLORI (E.L.I.S.A)

Anti-H.Pylori IgM : Reaction NEGATIVE 0.19 S/CO (Neg < 0.40)

SEROLOGY OF HELICOBACTER PYLORI (E.L.I.S.A)

Anti-H.Pylori IgG : Reaction POSITIVE 1.03 S/CO (Neg < 0.40)

SEROLOGY OF HEPATITIS B

Anti-HBs (Quantitative) : Reaction POSITIVE 362 U/L (Neg < 10)

SEROLOGY OF HEPATITIS B

Anti-HBc Total : Reaction NEGATIVE 2.44 S/CO (> 1)

SEROLOGY OF HEPATITIS C

Anti-HCV Antibody : Reaction NEGATIVE 0.08 S/CO (< 1)

SEROLOGY OF HEPATITIS A

Anti HAV Total : Reaction NEGATIVE 7.96 mUI/mL (< 20)

SEROLOGY OF HEPATITIS A

Anti-HAV IgM : Reaction NEGATIVE 0.85 Au/mL (< 2)

TUMOR MARKERS

C.E.A (Carcino Embryonic Antigen) : 1.57 ng/mL N (< 10)
CA 125 : 15.21 U/mL N (< 35)
CA 15-3 : 10.44 U/mL N (< 28)

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AIC: < 5.7% → IGT =

5.7 → 6.4



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6.5%
→ DM

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DIABETES MELLITUS PROFILE				
FASTING BLOOD SUGAR (FBS)	96	mg/dL	N (	75 - 110)
Glycosylated Haemoglobin (Hb A1C)	41	mmol/mol	N (	28 - 48)
Glycosylated Haemoglobin (Hb A1C)	5.9	%	N (	4.5 - 6.4 ✓

(Immuno-Enzymology Technique)

Glycemic Control Status HbA1c (%)

Non Diabetic (Ideal)	4.5 - 6.4
Optimal	6.5 - 7.0
Suboptimal	7.1 - 8.0
Unacceptable	8.1 - 15.0

LIPID PROFILE

TOTAL CHOLESTEROL	181	mg/dL	N (	< 200)
HDL CHOLESTEROL	63	mg/dL	N (	> 40)
LDL CHOLESTEROL	121	mg/dL	N (	< 150)
TRIGLYCERIDES	43	mg/dL	N (	< 200)

LIVER FUNCTION TEST

TOTAL PROTEIN	7.4	g/dL	N (	6.2 - 8.0)
GAMMA -G.T	31	UI/L	N (	5 - 40)
TRANSAMINASES SGOT (ASAT)	23	UI/L	N (	< 31)
TRANSAMINASES SGPT (ALAT)	22	UI/L	N (	< 31)
ALKALINE PHOSPHATASE (ALP)	48	UI/L	N (	35 - 105)

Age Reference Range

From 14 d to <1 year	134 - 518
From 1 to 9 years	156 - 369
From 10 to 12 Years	141 - 460
Adultes Male	40 - 130
Adultes Female	35 - 105

ALBUMIN	4.6	g/dL	N (	3.8 - 5.4)
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[Signature]

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KIDNEY FUNCTION TEST				
CREATININE	0.8	mg/dL	N (	0.6 - 1.1)
UREA (BUN)	20	mg/dL	N (	13 - 45)
SODIUM (Na +)	139	mmol/L	N (	135 - 145)
POTASSIUM (K +)	4.8	mmol/L	N (	3.5 - 5)
CHLORIDE (Cl-)	102	mmol/L	N (	98 - 107)
THYROID FUNCTION TEST				
TSH (Thyroid-Stimulating Hormone)	1.52	μUI/mL	N (	0.47 - 4.64)

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Patient Name : KAING KIMNAY

DOB : 01.08.1979

Age : 45Y

Sex : Female

Tel : 092222887

Order owner :

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Test	Result	Unit	Flag Reference Range
URINE BIOCHEMISTRY			
COLOR	Yellow		
TURBIDITY	Clear		
BILIRUBIN	Absence		(Negative)
UROBILINOGEN	Absence		(Negative)
KETONES	Absence		(Negative)
ASCORBIC ACID	Absence		(Negative)
GLUCOSE	Absence		(Negative)
PROTEIN	Absence		(Negative)
BLOOD	Absence		(Negative)
pH	7.0		(5.0 - 8.0)
NITRITE	Absence		(Negative)
LEUKOCYTES	Absence		(Negative)
SPECIFIC GRAVITY	1.010		(1.003 - 1.035)
CYTOLOGIC EXAMINATION			
WHITE BLOOD CELLS	04		(0 - 5/HPF)
RED BLOOD CELLS	03		(0 - 5/HPF)
EPITHELIAL CELLS	Rare		
BLADDER CELLS	Absence		
RENAL CELLS	Absence		
CASTS	Absence		
CRYSTALS	Absence		
BACTERIA	Absence		
YEAST CELLS	Absence		
MICRO-ORGANISMS	Absence		
Other	Absence		

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Patient ID : G03250038
Request Date : 25-03-2024
Report Date : 25-03-2024

biomeddc@gmail.com www.biomediccambodia.com

Patient Name : KAING KIMNAY

Age: 45 Y Sex: F Tel: 092222887

Order Owner :

Dr:

Tel:

កម្ពស់ : 157 cm

ទំងន់ : 58.8 Kg

លទ្ធផលវាយតម្លៃសមាសធាតុរាងកាយ

១. ជាតិខ្លាញ់ក្នុងរាងកាយទាំងមូលប្រៀបធៀបទៅនឹងទំងន់ខ្លួនគិតជាភាគរយ (Body Fat): 30.6 %

អាយុ	បុរស				ស្រី			
	ស្គម	ស្គមជា	ធាត់	ធាត់ពេក	ស្គម	ស្គមជា	ធាត់	ធាត់ពេក
18-39	< 10	11-21	22-25	> 26	< 20	21-34	35-39	> 40
40-59	< 11	12-22	23-25	> 28	< 21	22-35	36-40	> 41
> 60	< 13	14-24	25-29	> 30	< 22	23-36	36-41	> 41

២. សាច់ដុំ (Muscle Mass) : 38.4 Kg (កាន់តែច្រើនកាន់តែល្អ)

៣. ទំងន់ជាតិទឹកសរុបនៅក្នុងខ្លួនគិតជាភាគរយ (Total Body Water): 51.9 % (ប្រុស: 50% - 65% ស្រី: 45% - 60%)

៤. កំហាប់ឆ្អឹង (Bone Mass): 2.4

ទម្ងន់ (បុរស)	2.66 បើ < 65 Kg	3.29 ពី 65 ដល់ 95 Kg	3.69 បើ > 95 Kg
ទម្ងន់ (ស្រី)	1.95 បើ < 50 Kg	2.4 ពី 50 ដល់ 75 Kg	2.95 បើ > 75 Kg

៥. កម្រិតការកាបូនប្រចាំថ្ងៃ (Basal Metabolic Rate): 1197 Kcal

ចំណាំ: BMR របស់អ្នកគឺជាចំនួនកាបូនដែលសរីរាង្គរបស់អ្នកត្រូវការដើម្បីដំណើរការខ្លួន: ពេលអ្នកមិនធ្វើសកម្មភាពអ្វីទាំងអស់

៦. អាយុមេតាបូលិក (Metabolic Age) : 39

៧. ខ្លាញ់ក្នុងពោះ (Visceral Fat Rate) : 6

ចន្លោះពី 1 ទៅ 12: សុខភាពល្អ	ចាប់ពី 13 ទៅ 59: លើសជាតិខ្លាញ់នៅក្នុងក្បាលពោះដែលត្រូវប្រុងប្រយ័ត្ន
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៨. សន្ទស្សន៍ម៉ាសរាងកាយ (Body Mass Index): 23.9

តារាង BMI សម្រាប់មនុស្សពេញវ័យអាយុចាប់ពី 18 ឆ្នាំឡើងទៅ

ប្រភេទ	ភាពធូនធូរ	ស្គមកម្រិតមធ្យម	ស្គមតិចតួច	ធម្មតា	លើសទម្ងន់	ធាត់ថ្នាក់ទី I	ធាត់ថ្នាក់ទី II	ធាត់ថ្នាក់ទី III
កម្រិត BMI-គីឡូ/ម ²	<16	16-17	17-18.5	18.5-25	25-30	30-35	35-40	> 40

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Patient Name : KAING KIMNAY

Age: 45 Y Sex: F Tel: 092222887

Order Owner :

Dr:

Tel:

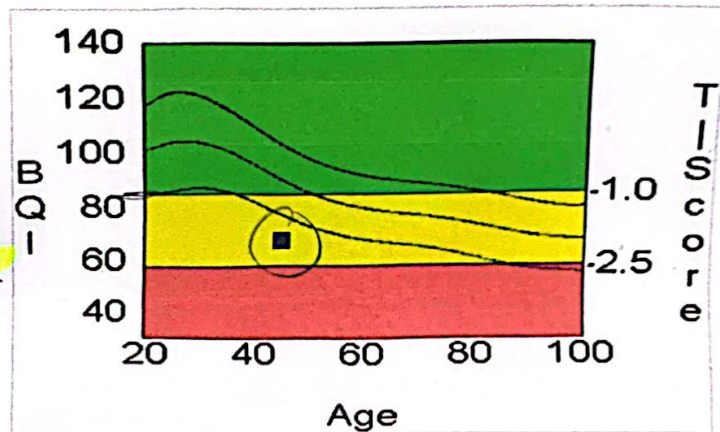
កម្ពស់ : 157 cm

ទម្ងន់: 58.8 Kg

កន្លែងត្រូវវាស់ : ជើងខាងស្តាំ

លទ្ធផលនៃការវាស់កំហាប់ឆ្អឹង

T-score : **-1.98 (64.5%)**



ចំណាំ:

- កំហាប់ឆ្អឹងធម្មតា (Normal bone density) : T-score: - 1 to +1
- ឆ្អឹងស្តោត (Osteopenia) : T-score: - 1 to -2.5
- ឆ្អឹងពុក (Osteoporosis) : T-score: - 2.5 to -4

