

Visit Code : 0124370-134
Patient Name : Salwa Hammad F Al Ghushayan
Ref. Doctor :
Client Name : Beitna Home Care

Visit Date : 28/10/2024
Visit Time : 2:28:30PM



Branch : Main

Gender : Female

Age : 66 Years

Sample was collected from outside the lab

Patient Report

Report date : 29/10/2024 10:39:32 AM

CHEMISTRY

Alkaline Phosphatase	Result	Unit	Ref. Range
	116	IU/L	(50 - 250)
Bilirubin (Total)	Result	Unit	Ref. Range
	0.41	mg/dl	(0.3 - 1.2)
Blood Urea Nitrogen (BUN)	Result	Unit	Ref. Range
	16	mg/dl	(7 - 23)
Gamma Glutamyl Transferase (GGT)	Result	Unit	Ref. Range
	47	U/L	(12 - 54)
Glycated Haemoglobin (HbA1c)	Result	Unit	Ref. Range
	5.1	%	For Non-diabetic (4.0 - 5.7) Normal (5.7-6.4) Prediabetic (6.5 or>) Diabetes For Diabetic (4.0 - 6.5) Good Control (6.6- 8.0) Fair control (>8.0) Uncontrolled
Estimated glucose average		mg/dl	

مختبرات الجودة العالمية
للتحاليل الطبية

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Cholesterol/HDL/LDL/Triglycerides

	Result	Unit	Ref. Range
Total Cholesterol	219	mg/dl	<200 Desirable level 200 to 239 Borderline high >239 High
HDL Cholesterol	59	mg/dl	(40 - 60)
LDL Cholesterol	123	mg/dl	<100 optimal 100 to 159 borderline high 160 to 189 High >190 Very high
Triglycerides	299	mg/dl	
Total cholesterol/HDL	3.71		
LDL/ HDL	2.08		

Aspartate Aminotransferase (AST)

Result	Unit	Ref. Range
26	U/L	(12 - 37)

Alanine Aminotransferase (ALT)

Result	Unit	Ref. Range
23.5	U/L	(10 - 37)

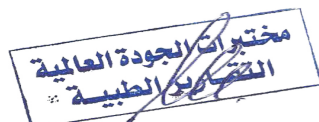
Albumin in Serum

Result	Unit	Ref. Range
4.59	g/dl	(3.5 - 4.8)

Calcium in Serum (Total)

Result	Unit	Ref. Range
10.3	mg/dl	(8.7 - 10.5)

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Creatinine in Serum	Result	Unit	Ref. Range
	0.81	mg/dl	(0.5 - 1.5)
Magnesium (Mg) in Serum	Result	Unit	Ref. Range
	^L ▼ 1.41	mg/dl	(1.6 - 2.6)
		mmol/l	(0.66 - 1.07)
Potassium (K) in Serum	Result	Unit	Ref. Range
	4.9	mmol/l	(3.5 - 5.3)
Sodium (Na) in Serum	Result	Unit	Ref. Range
	135	mmol/L	(135 - 146)
Total Protein in Serum	Result	Unit	Ref. Range
	6.28	g/dl	(6.0 - 8.0)

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Iron (Fe) in Serum	Result	Unit	Ref. Range
	58.8	ug/dl	(37.0 - 145.0)

Comment :

Serum Iron was not reliable as the primary test to identify iron deficiency or screening haemochromatosis and iron over load disease . For this conditions TIBC ,Ferritin , and Transferrin saturation are recommended .

Iron levels show diurnal variation .normal values in mid-morning .Low values in mid afternoon . very low values near mid night .

Ingestion of oral contraceptives will elevate Iron and /or TIBC .

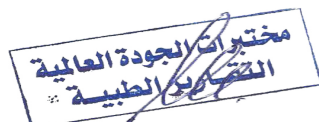
Bilirubin (Indirect)	Result	Unit	Ref. Range
	0.38	mg/dl	

Phosphorous (P) in Serum	Result	Unit	Ref. Range
	2.73	mg/dl	(2.7 - 5.7)

Vitamin B12 (Cyanocobalamin)	Result	Unit	Ref. Range
	238	pg/ml	(212.016 - 949.28)

Vitamin D (25 OH-Vit D -Total)	Result	Unit	Ref. Range
	66.3	ng/ml	<10 Deficiency 10 to 30 insufficiency 30 to 100 sufficiency

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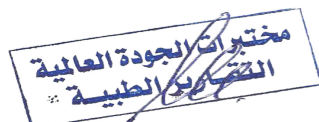
CHEMISTRY

VLDL	Result	Unit	Ref. Range
	^H ▲ 55.4	mg/dl	(12 - 36)

Total Iron Binding Capacity (TIBC)	Result	Unit	Ref. Range
	481	ug/dl	(265 - 497)

Ferritin In Serum	Result	Unit	Ref. Range
	165	ng/ml	(4.9 - 232.3)

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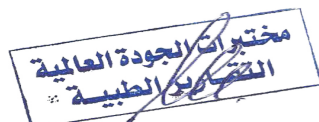
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HEMATOLOGY

Complete Blood Count (CBC)	Result	Unit	Ref. Range
Haemoglobin	12.3	g/dl	(12.0 - 15.0)
Haematocrit	36.9	%	(35.0 - 45.0)
Red cell count	4.11	mil/cmm	(3.9 - 5.03)
Red cell indices			
MCV	89.0	fL	(81.6 - 98.3)
MCH	28.0	pg	(27.0 - 33.0)
MCHC	33.2	g/dl	(32.7 - 36.9)
Total Leucocytic Count	8.46	(Thou/ul)	(3.5 - 10.5)
Basophils	0	%	(0 - 2)
Eosinophils	1	%	(0 - 6)
Neutrophils	72	%	
Lymphocytes	20	%	(15 - 45)
Monocytes	7	%	(4 - 9)
Others	0	%	
Platelet Count	171	(Thou/ul)	(150 - 450)

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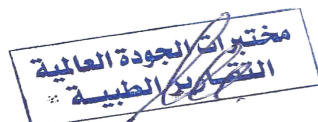
IMMUNOLOGY

C-Reactive Protein (CRP) quantitative	Result	Unit	Ref. Range
	0.71	mg/l	(<6.0)

Comment :

CRP is a non-specific marker of inflammation and a variety of conditions other than atherosclerosis (e.g. SLE and Ulcerative colitis) may cause elevated concentrations.

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HORMONES

Folic Acid in Serum

Result

Unit

Ref. Range

19.9

ng/ml

(4.6 - 34.8)

T4

Result

Unit

Ref. Range

9.15

ug/dl

(4.87 - 11.72)

Thyroid Stimulating Hormone (TSH)

Result

Unit

Ref. Range

3.11

mIU/L

(0.25 - 4.25)

0.25

4.25

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