

Visit Code : 0124370-31
Patient Name : Salwah Alghushaiyan
Ref. Doctor :
Client Name : Beitna Home Care

Visit Date : 17/04/2024

Visit Time : 1:57:42PM



Client File No . 088

Branch : Main

Gender : Female

Age : 65 Years

Sample was collected from outside the lab

Patient Report

Report date : 18/04/2024 01:09:02 PM

CHEMISTRY

Alkaline Phosphatase	Result	Unit	Ref. Range
	49	IU/L	(30 - 115) Adult (<426) children

Bilirubin (Direct)	Result	Unit	Ref. Range
	0.19	mg/dl	(0.0 - 0.4)

Bilirubin (Total)	Result	Unit	Ref. Range
	0.41	mg/dl	(0.3 - 1.2)

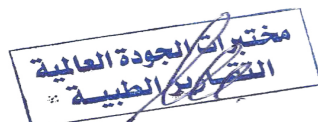
Urea in Serum	Result	Unit	Ref. Range
	20	mg/dl	(10 - 50)

Gamma Glutamyl Transferase (GGT)	Result	Unit	Ref. Range
	^H ▲ 71	U/L	(12 - 54)

Aspartate Aminotransferase (AST)	Result	Unit	Ref. Range
	34	U/L	(12 - 37)

Alanine Aminotransferase (ALT)	Result	Unit	Ref. Range
	^H ▲ 52	U/L	(10 - 37)

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Albumin in Serum	Result	Unit	Ref. Range
	^L ▼ 2.9	g/dl	(3.5 - 4.8)

Calcium in Serum (Total)	Result	Unit	Ref. Range
	^L ▼ 7.3	mg/dl	(8.7 - 10.5)

Creatinine in Serum	Result	Unit	Ref. Range
	1.0	mg/dl	(0.5 - 1.5)

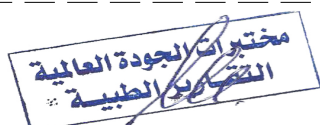
Potassium (K) in Serum	Result	Unit	Ref. Range
	4.9	mmol/l	(3.5 - 5.3)

Sodium (Na) in Serum	Result	Unit	Ref. Range
	138	mmol/L	(135 - 146)

Total Protein in Serum	Result	Unit	Ref. Range
	6.81	g/dl	(6.0 - 8.0)

Uric Acid in Serum	Result	Unit	Ref. Range
	^H ▲ 9.7	mg/dl	(2.5 - 6.5)

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Iron (Fe) in Serum	Result	Unit	Ref. Range
	97.0	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 coditions TIBC ,Ferritin , and Transferrin saturation are recommended .

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

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

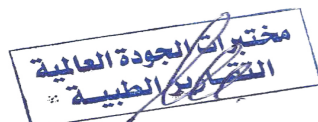
Phosphrous (P) in Serum	Result	Unit	Ref. Range
	^L ▼ 2.6	mg/dl	(2.7 - 5.7)

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

Unsaturated Iron Binding Capacity (UIBC)	Result	Unit	Ref. Range
	246	ug/dl	(206 - 330)

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

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CHEMISTRY

Ferritin In Serum

Result

Unit

Ref. Range

^H
▲ 1620

ng/ml

(4.9 - 232.3)

Comment :

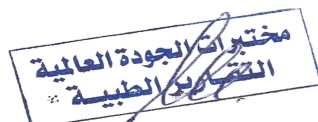
sample hemolyzed

Elevated ferritin serum levels have also been found in certain hepatic disorders, acute or chronic inflammations as well as in manifest or latent infections . Therefore, ferritin serum levels may only be interpreted in context with the clinical picture and other diagnostic procedures.

Any therapeutical decision must also be taken on a case-by-case basis.

Although HAMA-neutralizing agents are added, extremely high HAMA (human anti-mouse antibodies) concentrations may occasionally influence results.

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HEMATOLOGY

مختبرات الجودة العالمية
للتحاليل الطبية

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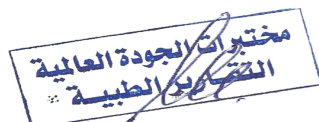
Complete Blood Count (CBC)

	Result	Unit	Ref. Range
Haemoglobin	▼ 9.6	g/dl	(12.0 - 15.0)
Haematocrit	▼ 27.6	%	(35.0 - 45.0)
Red cell count	▼ 2.77	mil/cmm	(3.9 - 5.03)
Red cell indices			
MCV	▼ 80	fL	(81.6 - 98.3)
MCH	▼ 26	pg	(27.0 - 33.0)
MCHC	▼ 30	g/dl	(32.7 - 36.9)
Total Leucocytic Count	5.34	(Thou/ul)	(3.5 - 10.5)
Basophils	0.0	%	(0 - 2)
Eosinophils	0.3	%	(0 - 6)
Neutrophils	85.0	%	
Lymphocytes	▼ 10.9	%	(15 - 45)
Monocytes	▼ 3.8	%	(4 - 9)
Others		%	
Platelet Count	▼ 146	(Thou/ul)	(150 - 450)

Previous Results

		g/dl
Complete Blood Count (CBC)		
Haemoglobin	09 Mar 2024 @ 15:02	9.3
	20 Mar 2024 @ 11:28	9.3
	24 Mar 2024 @ 13:36	9.7
		%
Complete Blood Count (CBC)		
Haematocrit	09 Mar 2024 @ 15:02	25.8
	20 Mar 2024 @ 11:28	29.6
	24 Mar 2024 @ 13:36	24.2

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		mil/cmm
Red cell count	Complete Blood Count (CBC)	
	09 Mar 2024 @ 15:02	2.70
	20 Mar 2024 @ 11:28	2.75
	24 Mar 2024 @ 13:36	2.41
Red cell indices	Complete Blood Count (CBC)	
	09 Mar 2024 @ 15:02	
	20 Mar 2024 @ 11:28	
	24 Mar 2024 @ 13:36	
MCV	Complete Blood Count (CBC)	fL
	09 Mar 2024 @ 15:02	95.5
	20 Mar 2024 @ 11:28	80
	24 Mar 2024 @ 13:36	100.5
MCH	Complete Blood Count (CBC)	pg
	09 Mar 2024 @ 15:02	30.0
	20 Mar 2024 @ 11:28	26
	24 Mar 2024 @ 13:36	40.2
MCHC	Complete Blood Count (CBC)	g/dl
	09 Mar 2024 @ 15:02	36.0
	20 Mar 2024 @ 11:28	30
	24 Mar 2024 @ 13:36	40.1
Total Leucocytic Count	Complete Blood Count (CBC)	(Thou/ul)
	09 Mar 2024 @ 15:02	2.31
	20 Mar 2024 @ 11:28	8.83
	24 Mar 2024 @ 13:36	7.35

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	Complete Blood Count (CBC)	%
Basophils	09 Mar 2024 @ 15:02	0.7
	20 Mar 2024 @ 11:28	0
	24 Mar 2024 @ 13:36	0.1
	Complete Blood Count (CBC)	%
Eosinophils	09 Mar 2024 @ 15:02	0.1
	20 Mar 2024 @ 11:28	1
	24 Mar 2024 @ 13:36	1.1
	Complete Blood Count (CBC)	%
Neutrophils	09 Mar 2024 @ 15:02	81.4
	20 Mar 2024 @ 11:28	79
	24 Mar 2024 @ 13:36	89.8
	Complete Blood Count (CBC)	%
Segmented	09 Mar 2024 @ 15:02	
	20 Mar 2024 @ 11:28	
	24 Mar 2024 @ 13:36	
	Complete Blood Count (CBC)	%
Lymphocytes	09 Mar 2024 @ 15:02	12.9
	20 Mar 2024 @ 11:28	16
	24 Mar 2024 @ 13:36	5.9

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	Complete Blood Count (CBC)	%
Monocytes	09 Mar 2024 @ 15:02	4.9
	20 Mar 2024 @ 11:28	4
	24 Mar 2024 @ 13:36	3.1
	Complete Blood Count (CBC)	%
Others	09 Mar 2024 @ 15:02	
	20 Mar 2024 @ 11:28	0
	24 Mar 2024 @ 13:36	0
	Complete Blood Count (CBC)	(Thou/ul)
Platelet Count	09 Mar 2024 @ 15:02	67
	20 Mar 2024 @ 11:28	189
	24 Mar 2024 @ 13:36	154

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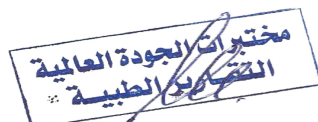
IMMUNOLOGY

C-Reactive Protein (CRP) quantitative	Result	Unit	Ref. Range
	1.4	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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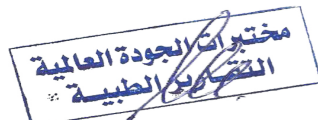
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MICROBIOLOGY

Urine Analysis

	Result	Unit	Ref. Range
Color	Yellow		
Appearance	Semi Turbid		
Specific gravity	1.010		(1.005 - 1.030)
PH	6.5		(4.6 - 8.0)
Protein	Trace		
Glucose	++++		
Ketone	Nil		
Bilirubin	Nil		
Urobilinogen	N.trace		
Nitrite	Presnt		
White blood cells /HPF	10 - 12		(0.0 - 5.0)
Red blood cells / HPF	5 - 7		(0.0 - 5.0)
Hyaline casts	Nil		
Epithelial cells	few		
Ova	Nil		
Crystals	Nil		
Amorphous	Nil		
Others	Nil		

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HORMONES

Folic Acid in Serum

Result

Unit

Ref. Range

24.0

ng/ml

(4.6 - 34.8)

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