

Visit Code : 0124370-87  
Patient Name : Faisal Bin Bhdi Algahtani  
Ref. Doctor :  
Client Name : Beitna Home Care

Visit Date : 10/08/2024  
Visit Time : 10:58:28PM



Branch : Main

Gender : Male

Age : 20 Years

Sample was collected from outside the lab

**Patient Report**

Report date : 13/08/2024 11:42:54 AM

**CHEMISTRY**

<b>Bilirubin (Total)</b>	Result	Unit	Ref. Range
	0.38	mg/dl	( 0.3 - 1.2 )
<b>Glucose in Plasma (Random)</b>	Result	Unit	Ref. Range
	<sup>H</sup> ▲ 305	mg/dl	( 76 - 140 )
<b>Urea in Serum</b>	Result	Unit	Ref. Range
	27.28	mg/dl	( 10 - 50 )
<b>Chloride in Serum</b>	Result	Unit	Ref. Range
	101	mmol/l	( 95 - 105 )
<b>Glycated Haemoglobin (HbA1c)</b>	Result	Unit	Ref. Range
	7.5	%	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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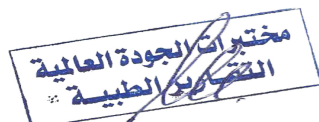
**CHEMISTRY**

<b>Aspartate Aminotransferase (AST)</b>	Result	Unit	Ref. Range
	13.2	U/L	( 12 - 37 )
<b>Alanine Aminotransferase (ALT)</b>	Result	Unit	Ref. Range
	13.8	U/L	( 10 - 37 )
<b>Creatinine in Serum</b>	Result	Unit	Ref. Range
	0.91	mg/dl	( 0.5 - 1.5 )
<b>Potassium (K) in Serum</b>	Result	Unit	Ref. Range
	4.66	mmol/l	( 3.5 - 5.3 )
<b>Sodium (Na) in Serum</b>	Result	Unit	Ref. Range
	138	mmol/L	( 135 - 146 )
<b>Albumin / Creatinine Ratio</b>	Result	Unit	Ref. Range
ratio	4.1	mg/g creat	<30 24 hrs collection

**Comment :**

Microalbuminuria may be seen transiently during pregnancy ,after exercise and wit protein loading ,fever and UTI.there is also day to day as well as diurnal variation in Albumin excretion .hence it is important to basr treatment on the result of several test

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**HEMATOLOGY**

**Complete Blood Count (CBC)**

	Result	Unit	Ref. Range
Haemoglobin	15.8	g/dl	( 13.5 - 17.5 )
Haematocrit	43.9	%	( 40.0 - 50.0 )
Red cell count	5.21	mil/cmm	( 4.32 - 5.72 )
<b>Red cell indices</b>			
MCV	84.2	fL	( 81.2 - 95.1 )
MCH	30.3	pg	( 27.0 - 33.0 )
MCHC	36.0	g/dl	( 32.7 - 36.9 )
Total Leucocytic Count	6.52	(Thou/ul)	( 3.5 - 10.5 )
Basophils	0	%	( 0 - 2 )
Eosinophils	1.1	%	( 0 - 6 )
Neutrophils	72.9	%	
Lymphocytes	20.1	%	( 15 - 45 )
Monocytes	5.9	%	( 4 - 9 )
Others	0	%	
Platelet Count	276	(Thou/ul)	( 150 - 450 )

**Erythrocyte Sedimentation Rate(ESR)**

	Result	Unit	Ref. Range
1st hour	<sup>H</sup> ▲ 22	mm/h	( 3.0 - 15.0 )

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**MICROBIOLOGY**

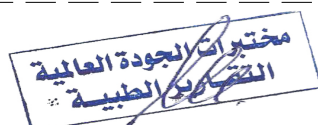
**Urine Analysis**

	Result	Unit	Ref. Range
Color	Yellow		
Appearance	clear		
Specific gravity	1.030		( 1.005 - 1.030 )
PH	5.5		( 4.6 - 8.0 )
Protein	Nil		
Glucose	+++		
Ketone	Nil		
Bilirubin	Nil		
Urobilinogen	N.trace		
Nitrite	Nil		
White blood cells /HPF	3 - 5		( 0.0 - 5.0 )
Red blood cells / HPF	1 - 3		( 0.0 - 5.0 )
Hyaline casts	Nil		
Epithelial cells	few		
Ova	Nil		
Crystals	Nil		
Amorphous	Nil		
Others	Nil		

**Urine Culture**

**No Growth**

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**HORMONES**

**Thyroid Stimulating Hormone (TSH)**

Result

Unit

Ref. Range

3.17

mIU/L

( 0.25 - 4.25 )



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