

## Biochemistry Report

Patient Name : نجود عمر وحيدان

Patient Id : 20190913362

Order Id : Biogen/15199

Order Date : 03-Sep-2019

Age : 32

Doctor Name: Biogen Laboratories

Sex: Female

Id(Passport) no.:

Test Name :	Result :	Reference Range :	Unit :
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Haemoglobin A1c (Glycosylated) Blood	6.04	3.3-5.8	%
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### Diabetic Profile

Glucose, serum (Fasting)	81.50	70-115	mg/dl
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### Iron Deficiency

Ferritin	1.07	L Male: 30-220 Female: 20-100	ng/ml
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Iron	22.94	L 60-150	ug/dl
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### Kidney Function Tests (KFT)

Urea, serum	33.68	15-45	mg/dl
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Creatinine, serum	0.87	Male : 0.6-1.1 Female : 0.5-1.1	mg/dl
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Uric acid, serum	5.90	Male : 3.4-7.0 Female: 3.4-5.8	mg/dl
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Sodium, serum	135.8	135-145	mmol/L
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Potassium, serum	3.9	3.5 - 5.5	mmol/L
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Chloride, serum	99.9	98-106	mmol/L
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GFR	80	> 90 : Normal kidney function 60-89 Kidney damage with mild loss of kidney function 44-59: Mild to moderate loss of kidney function 30-44: Moderate to severe loss of kidney function	ml/min
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### Lipid Profile

Cholesterol, Total	241.06	H 120-200	mg/dl
Triglycerides	84.08	60-150	mg/dl
Cholesterol, HDL	50.18	MALE : > 45 FEMALE: > 50	mg/dl
Cholesterol, LDL	125.17	DIABETIC : <100 NON-DIABETIC: <130	mg/dl

### Liver Function Tests (LFT)

Bilirubin, Total	0.92	0.3-1.2	mg/dl
Bilirubin, Direct	0.19	0-0.3	mg/dl
Total Protein, serum	7.5	6--8.3	g/dl
Albumin	3.50	3.5-5.5	g/dl
A/G Ratio	-2.89		
ALT (GPT)	10	0-40	U/L
AST (GOT)	14.6	0-38	U/L
Alkaline Phosphatase, serum	89.3	60-170	U/L
GGT (Gamma Glutamyl Transferase)	11	11-50	U/L



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### Minerals

Calcium, total	8.5	8-11	mg/dl
Magnesium, serum	2.32	1.6-2.6	mmol/l
Phosphorus, serum	3.02	2.3-6.7	mg/dL



## Hormones Report

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### Thyroid Function Tests

TSH	1.87	0.27-4.20	uIU/ml
T3 (Free)	0.6	L 0.8-2.0	pg/ml
T4 (Free)	0.70	L 0.7-1.9	ng/dl

### Vitamins

25-Hydroxy Vitamin D3	11.3	L <20.0 Deficiency (mild:10-20 , moderate: 5-10, severe: <5)  20 - 30.0 Insufficiency  65.0 - 70.0 Optimal	ng/ml
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## Hematology Report

Patient Name : نجود عمر وحيدان

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Age : 32

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Sex: Female

Id(Passport) no.:

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### CBC & Differential

WBC count	5.96	4-10	$10^9/L$
Lymphocytes count	45.13	H 20-40	%
Monocyte Count	8.49	3-12	%
Neutrophils count	40.28	50-70	%
Eosinophils count	6.06	H 0.5-5.2	%
Basophils count	0.04	0-1	%
RBCs count	4.77	4-5.5	$10^{12}/L$
Hemoglobin	9.5	L 12-16	g/dl
PCV (Hematocrit)	24.9	L 40-54	%
MCV	52.3	L 80-100	fl
MCH	19.9	L 25-33	pg
MCHC	38.1	H 28-35	g/dl
RDW	16.9	H 11-16	fl
Platelet Count	440	H 100-420	$10^9/L$
MPV	8.2	6.5-13	fl

