

Name : Miss/ Mogral Salkshameem
Lab. No. : 3023126713
Contract. : Peshawer medical L.L.C
Patient No. : 30-88909
File No. : 25764

Sample Date : 08/02/2023 16:12 PM
Report Date : 08/02/2023 18:06 PM

Branch : Al Borg Lab. Dubai Deirah	Age : 51 Year	DOB 01/01/1972	Sex : Female
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Urine Analysis

Test	Result	Unit	Ref. Range
Urine Physical Examination			
Colour	Yellow		Yellow
Aspect	Slightly Turbid		Clear
Specific Gravity	1.015		1.005 - 1.028
pH	6.0		5 - 8
Leucocyte esterase	Absent		Absent
Nitrite	Absent		Absent
Protein	Absent		Absent
Glucose	Absent		Absent
Ketones	Absent		Absent
Urobilinogen	Normal Trace		Trace
Bilirubin	Absent		Absent
Blood and Haemoglobin	Absent		Absent
Urine Microscopic Examination			
W. B. Cs / HPF	2-4	cells	0 - 7
R. B. Cs / HPFs	0-2	cells	0 - 6
Epithelial Cells / HPF	Many	cells	Few to some cells
Casts	Absent		Absent
Crystals	Absent		Absent

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Urine Analysis

Test	Result	Unit	Ref. Range
Amorphous Elements	Absent		Absent

Comments

Sample type: Urine

Methodology
Semi-automatic benchtop instrument Combiscreen 11SYS

*This is non-accredited test.

Reviewed By:



Dr. Shailendra Rathod.MD
Laboratory Director
Physician Specialist Clinical
Pathology
License no. 10944644-001

** End Of Report **

Verified By : Louise Ruth

Printed By: System

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PM :Printed Date 20:42 09/02/2023

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Sample Date : 08/02/2023 16:12 PM
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Branch : Al Borg Lab. Dubai Deirah Age : 51 Year DOB 01/01/1972 Sex : Female

Glycated Haemoglobin (HbA1c)

Test	Result	Unit	Ref. Range
Hb A1c % {According to (DCCT/ NGSP)}	6.4	%	(NGSP Standardized) Normal: 4 - 5.6 Prediabetic: 5.7 - 6.4 Diabetes: ≥ 6.5 Controlled Diabetes: <7
Mean of blood glucose (in the last 3 months)	137	mg/dl	

Comments

Primary sample: Whole blood
Methodology: Turbidimetric inhibition immunoassay(TINIA)

*This is non-accredited test.

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Physician Specialist Clinical
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License no. 10944644-001

** End Of Report **

Name : Miss/ Mogral Salkshameem **Sample Date** : 08/02/2023 16:12 PM
Lab. No. : 3023126713 **Report Date** : 08/02/2023 17:29 PM
Contract. : Peshawer medical L.L.C
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Branch : Al Borg Lab. Dubai Deirah **Age** : 51 Year **DOB** 01/01/1972 **Sex** : Female

Cholesterol/HDL/LDL/Triglycerides

Test	Result	Unit	Ref. Range
Cholesterol	256 H	mg/dl	No risk <200 Moderate risk 200 - 240 High risk >240

Comments

Primary sample: Serum
Methodology : Enzymatic colorimetric assay in the presence of peroxidase.

Triglycerides (TG) in Serum	107	mg/dL	Normal<200
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Comments

Primary sample: Serum
Methodology : Enzymatic colorimetric assay

HDL Cholesterol	60	mg/dL	Optimum level ≥ 60 Borderline risk: 50-59 High risk: <50 mg/dl
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Comments

Primary sample: Serum
Methodology : Homogeneous Enzymatic colorimetric assay.

LDL Cholesterol	175 H	mg/dl	Optimal <100 Near optimal 100-129 Borderline high 130-159 High 160-189 Very high >189
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Comments

Sample type: Serum
Methodology: Calculation

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Branch : Al Borg Lab. Dubai Deirah **Age** : 51 Year **DOB** 01/01/1972 **Sex** : Female

Cholesterol/HDL/LDL/Triglycerides

Test	Result	Unit	Ref. Range
Non-HDL Cholesterol	196 H	mg/dL	very high >220 High 190-219 Borderline high 160-189 Near Ideal 130-159 Ideal for people at risk of heart disease <130 Ideal for people at very high risk of heart disease <100

Comments

Patients with elevated levels of non-HDL-C and normal levels of LDL-C, often have an increased number of LDL particles, increased apo B or increased small, dense LDL particles and these are associated with an increased risk of CVD. Therefore non-HDL-C might be more valuable indicator of cardiovascular risk than LDL-C.
 The treatment goal for non-HDL cholesterol in persons with high triglycerides (>199 mg/dl) is 30 mg/dl higher than their LDL cholesterol goal.

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Sample Date : 08/02/2023 16:12 PM
Report Date : 08/02/2023 16:54 PM

Branch : Al Borg Lab. Dubai Deirah	Age : 51 Year	DOB 01/01/1972	Sex : Female
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Complete Blood Count - (CBC)

Test	Result	Unit	Ref. Range
Hemoglobin	12.0	g/dL	12 - 15.5
Hematocrit	37.8	%	34.9 - 44.5
Red cell count	4.47	$\times 10^{12}/L$	3.9 - 5.03
MCV	84.6	fL	81.6 - 98.3
MCH	26.8	pg	26.5 - 32.6
MCHC	31.7	L g/dL	32 - 36
RDW	14.5	%	11.9 - 15.5
Total Leucocytic Count	5.53	$\times 10^9/L$	3.5 - 10.5
Basophils absolute count	0.04	$\times 10^9/L$	0 - 0.3
Basophils relative count	0.72	%	
Eosinophils absolute count	0.09	$\times 10^9/L$	0.05 - 0.5
Eosinophils relative count	1.63	%	
Neutrophils absolute count	2.07	$\times 10^9/L$	1.7 - 7
Neutrophils relative count	37.43	%	
Lymphocytes absolute count	2.98	$\times 10^9/L$	0.9 - 3.1
Lymphocytes relative count	53.89	%	
Monocytes absolute count	0.35	$\times 10^9/L$	0.3 - 0.9
Monocytes relative count	6.33	%	

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Complete Blood Count - (CBC)

Test	Result	Unit	Ref. Range
Platelet Count	153	x10 ⁹ /L	150 - 450

Comments

Sample type: EDTA Whole Blood

Methodology: (Hemoglobin =Cyanmethemoglobin) (Hematocrit = Calculation) (RBC, PLT, WBC and Diff Count = Flow cytometry)

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Name : Miss/ Mogral Salkshameem Sample Date : 08/02/2023 16:12 PM
Lab. No. : 3023126713 Report Date : 09/02/2023 13:44 PM
Contract. : Peshawer medical L.L.C
Patient No. : 30-88909
File No. : 25764

Branch : Al Borg Lab. Dubai Age : 51 Year DOB 01/01/1972 Sex : Female
Deirah

Chemistry Unit

Test	Result	Unit	Ref. Range
Urea in Serum	12	L mg/dL	16 - 48.5

Comments

Sample type: Serum
Methodology: Kinetic with urea & glutamate dehydrogenase

Creatinine in Serum	0.50	L mg/dl	0.51 - 0.95
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Comments

Sample type: Serum
Methodology : Kinetic colorimetric assay Jaffe method with picrate in alkaline solution.

Uric Acid in Serum	4.3	mg/dL	2.4 - 5.7
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Comments

Sample type: Serum
Methodology :Enzymatic, colorimetric assay method

Chloride in Serum	103	mmol/L	98 - 107
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0 - 30 Days : 98 - 113
Adult : 98 -107
Adult, >90 years : 98 - 111

Comments

Primary sample: Serum
Methodology: Ion Selective Electrode
*This test was outsourced to an accredited laboratory.

Potassium (K) in Serum	5.2	H mmol/L	3.5 - 5.1
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Newborn (<7 Days) : 3.7 - 5.9
Infant (7 Days - 1 Year) : 4.1 - 5.3
Child (1 Yrs - 18 Yrs) : 3.4 - 4.7
Adult (18 Yrs & above) : 3.5 - 5.1

Comments

Primary sample: Serum
Methodology: Ion Selective Electrode
*This test was outsourced to an accredited laboratory.

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Branch : Al Borg Lab. Dubai Deirah **Age** : 51 Year **DOB** 01/01/1972 **Sex** : Female

Chemistry Unit

Test	Result	Unit	Ref. Range
Sodium (Na) in Serum	140	mmol/L	136 - 145 Newborn (<7 Days) 133 - 146 Infant (7 Days - 1 Year) 139 - 146 Child (1 Yrs - 18 Yrs) 138 - 145 Adult (18 Yrs - 90 Yrs) 136 - 145 (Adult >90 Years) 132 - 146

Comments

Primary sample: Serum
Methodology: Ion Selective Electrode
*This test was outsourced to an accredited laboratory.

Globulin in Serum	2.90	g/dl	2 - 3.9
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Comments

Sample type: Serum
Methodology: Calculated

A/G Ratio	1.5		1 - 2
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Comments

Sample type: Serum
Methodology: Calculated

Glucose in Plasma (Fasting)	94	mg/dl	70 - 100 Normal: 70 - 100 Pre-Diabetes: 100 -125 Diabetes: ≥ 126
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Comments

Primary sample: Plasma
Methodology :Enzymatic reference method with hexokinase

Bilirubin (Total)	0.43	mg/dL	0.1 - 1.2
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Comments

Primary sample: Serum
Methodology: Colorimetric assay method

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Deirah

Chemistry Unit

Test	Result	Unit	Ref. Range
Bilirubin (Direct)	0.1	mg/dl	0.02 - 0.3

Comments

Primary sample: Serum
Methodology : Diazo Method

Alanine Aminotransferase (ALT)	17	U/L	5 - 31
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Comments

Primary type: Serum
Methodology : Enzymatic colorimetric assay according to IFCC without pyridoxal-5-phosphate.

Aspartate Aminotransferase (AST)	17	U/L	0 - 32
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Comments

Primary sample: Serum
Methodology : Enzymatic colorimetric assay according to IFCC without pyridoxal-5-phosphate.

Alkaline Phosphatase	86	U/L	35 - 104
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Comments

Primary sample: Serum
Methodology : AMP (Amino Methyl Propanol) optimized IFCC

Gamma Glutamyl Transferase (GGT)	21	U/L	0 - 40
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Comments

Sample type: Serum
Methodology : Enzymatic colorimetric assay

*This is non-accredited test.

Albumin in Serum	4.4	g/dl	3.5 - 5.2
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Comments

Sample type: Serum
Methodology : Colorimetric assay with endpoint method with bromocresol green (BCG)

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Deirah

Chemistry Unit

Test	Result	Unit	Ref. Range
Total Protein in Serum	7.3	g/dl	6.4 - 8.3

Comments

Primary sample: Serum

Methodology: Colorimetric assay method with bromocresol green (BCG).

Free T3	2.33	pg/mL	2 - 4.4
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Comments

Sample type: Serum

Methodology: Electrochemiluminescence

Free T4	1.22	ng/dL	0.93 - 1.7
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Comments

Primary sample: Serum

Methodology: Electrochemiluminescence

Thyroid Stimulating Hormone (TSH)	4.49	H uIU/mL	0.27 - 4.2
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Comments

Note: TSH Reference range in pregnant women is varied according to the gestational age:

- First trimester: 0.100-2.500 uIU/mL
- Second trimester: 0.200-3.000 uIU/mL
- Third trimester: 0.300-3.000 uIU/mL

Primary sample: Serum

Methodology: Electrochemiluminescence

Vitamin B12 (Cyanocobalamin)	497	pg/mL	187 - 883
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Comments

Sample Types: Serum

Methodology: ElectroChemiluminescence Immunoassay

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Chemistry Unit

Test	Result	Unit	Ref. Range
Vitamin D (25 OH-Vit D -Total)	36.54	ng/mL	Deficiency <10 Insufficiency 10 - 30 Sufficiency 30 - 100 Toxicity >100

Comments

Primary sample: Serum
Methodology: Chemiluminescence Immunoassay

*This is non-accredited test.

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** End Of Report **