

LABORATORY REPORT

Name	: DINUK MADUSANKA HEWA AMARAPPULIGE	File. No.	: AAL02-377475
DOB/Gender	: 15-03-1980 (43 Yrs 11 Month 3 Days/Male)	Referral Doctor	: Dr. Sajid Sanaullah Khan
Lab No.	: 22240490190	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 18-02-2024 15:32	Clinic File No	: 38952
Insurance	: NAS ADMINISTRATION SERVICES LTD		

CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
HbA1c (Glycosylated Hb)	6.31^H	%	Normal: =< 5.6 High risk/prediabetes: 5.7-6.4 Diabetes: =>6.5	TINIA(turbidimetric inhibition immunoassay)

In the absence of unequivocal hyperglycemia, result should be confirmed by repeat testing. Diabetic patients with HbA1c less than 7% meets the therapeutic goals of the American Diabetes Association (ADA 2010). Please note Reference Range Reviewed w.ef 15/10/23 .

Sample Type : EDTA WB

Phosphorous	3.17	mg/dL	2.5-4.5	Molybdate UV
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Please note Reference Range Reviewed w.ef 15/10/23 .

Bilirubin - Direct	0.24	mg/dL	0.00-0.5	DIAZO
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Please note Reference Range Reviewed w.ef 15/10/23

Remarks:

Test result to be interpreted in the light of clinical history and to be investigated further if necessary.

Sample Type : Serum

These tests are accredited under ISO 15189:2012 unless specified by (*)

Sample processed on the same day of receipt unless specified otherwise.

Test results pertains only the sample tested and to be correlated with clinical history.

Reference range related to Age/Gender.

Dr. Solmaz Siddiqui
Laboratory Director
DHA/LS/248469

H/L Collected On : 18-02-2024 12:00:00
Authenticated On : 18-02-2024 16:58:05
Printed On : 18-02-2024 19:41:31
Received On : 18-02-2024 15:35:00
Released On : 18-02-2024 17:19:23



Rhea Suberon
Medical Laboratory Technician
DHA/LS/123639

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COMPREHENSIVE METABOLIC PROFILE-FBS
CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Bilirubin - Total	0.47	mg/dL	0.20-1.20	DIAZO
Please note Reference Range Reviewed w.ef 15/10/23				
Alkaline Phosphatase	80.90	U/L	40-129	Colorimetric -P-NPT
Please note Reference Range Reviewed w.ef 15/10/23				
Alanine Aminotransferase (ALT / GPT)	48.50	U/L	10.0 - 50.0	NADH w/ P5P
Please note Reference Range Reviewed w.ef 15/10/23				
Aspartate Aminotransferase(AST / GOT)	30.10	U/L	10 - 50	NADH w/ P5P
Please note Reference Range Reviewed w.ef 15/10/23				
Calcium	9.78	mg/dL	8.6 - 10.3	NM-BAPTA
Please note Reference Range Reviewed w.ef 15/10/23				
*Total CO2	26.70	mmol/L	22.0 - 29.0	PEP Carboxylase
Please note Reference Range Reviewed w.ef 15/10/23				
Chloride (serum)	104.80	mmol/L	98 - 107	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Creatinine (serum)	0.92	mg/dL	0.70-1.20	Jaffe-Alkaline Picrate
Please note Reference Range Reviewed w.ef 15/10/23				
Sample Type : Serum				
Glucose (Fasting)	111.00^H	mg/dL	70 - 100	HK/G-6-PDH
Please note Reference Range Reviewed w.ef 15/10/23				
Sample Type : Fluoride Plasma				
Potassium (serum)	5.20	mmol/L	3.5 - 5.5	ISE Indirect

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Test Name	Result	Units	Ref. Range	Method
Please note Reference Range Reviewed w.ef 15/10/2023.				
Sodium	141.20	mmol/L	136 - 145	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Urea	31.80	mg/dL	12.86 - 42.64	Urease/GLDH
Please note Reference Range Reviewed w.ef 15/10/23				
Protein - Total	7.42	g/dL	6.40 - 8.30	Colorimetric - Biuret
Please note Reference Range Reviewed w.ef 15/10/23.				
Albumin	4.79	g/dL	3.97 - 4.94	Colorimetric - BCG
Please note Reference Range Reviewed w.ef 15/10/23				
*Globulin (serum)	2.63	g/dL	2.50 - 3.50	Calculation
**Albumin/Globulin Ratio	1.82	Ratio	1.10 - 2.50	Calculation

Remarks:

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**LIPID PROFILE I
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Cholesterol	140.00	mg/dL	Desirable: < 200 Borderline: 200 - 239 High: >or =240	Enzymatic- Cholesterol esterase
Please note Reference Range Reviewed w.ef 15/10/23				
Triglycerides	103.00	mg/dL	NCEP Adult Treatment Panel Normal: <150 Borderline: 150 - 199 High: 200-499 Very High: >or =500	Enzymatic GPO
Please note Reference Range Reviewed w.ef 15/10/23				
HDL Cholesterol	45.10	mg/dL	Major Risk: < 40	Homogeneous enzymatic-CHER & CHOD
Please note Reference Range Reviewed w.ef 15/10/23				
LDL Cholesterol	85.50	mg/dL	Optimal: < 100 Near or above optimal: 100-129 Borderline High: 130 - 159 High: 160-189 Very High: >or=190	Homo. Enz, Liq. Selective Surfactant
Please note Reference Range Reviewed w.ef 15/10/23				
**VLDL	9.40	mg/dL	5.0 - 30.0	Calculation
**Cholesterol / HDL	3.10	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: >6	Calculation

Sample Type : Serum

----- End Of Report -----

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