



MOLECULAR DIAGNOSTICS

A Fully Computerized Automatic Lab



Near Dr. Arvind Kumar, Radha Lodge
N.H.- 31, Line Bazar, Purnea - 854301

9123179041, 6287388256

moleculardiagnostic@gmail.com

Patient ID : 28
Patient Name : MR. DEMO TESTING
Age / Gender : 24 years / Male
Ref. Dr. : SELF
Client Name : DIRECT



Registered On : Aug 14, 2025, 10:46 a.m.
Sample coll. On : Aug 14, 2025, 10:46 a.m.
Sample Reported On : Aug 14, 2025, 10:52 a.m.
Sample ID



000122625

Test Description	Observed Value	Unit	Bio. Ref. Interval	Method
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BIOCHEMISTRY

Serum Electrolytes*

Sodium	150 H	mmol/L	136 - 149 Premature, cord: 116-140 Premature 48 hrs: 128-148 Newborn cord: 126-166 Newborn: 133-146	
Potassium	4	mmol/L	3.8 - 5.0 Premature cord: 5-10.2 Premature , 48 hrs: 3-6 Newborn cord: 5.6-12 Newborn: 3.7-5.9	
Chlorides	100	mmol/L	98 - 111	Serum, ISE
Remark				

Glycosylated Heamoglobin (HbA1C) *

HbA1c (GLYCOSYLATED HEMOGLOBIN), BLOOD	8	% Total HB	< 5.7 Normal 5.7 - 6.4 Prediabetes > 6.5 Diabetes	(HPLC, NGSP certified)
Estimated Average Glucose :	-	mg/dL	-	

Interpretation :

As per American Diabetes Association (ADA)	
Reference Group	HbA1c in %
Non diabetic adults >=18 years	<5.7
At risk (Prediabetes)	5.7 - 6.4
Diagnosing Diabetes	>= 6.5



Dr. M. A. Anwer
MBBS MD (PATHO) AIIMS PATNA
Ex. Senior Resident : AIIMS PATNA
Consultant Pathologist



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Therapeutic goals for glycemic control	Age > 19 years Goal of therapy: < 7.0 Action suggested: > 8.0 Age < 19 years Goal of therapy: < 7.5			

Lipid Profile

Serum Cholesterol	200	mg/dL	Desirable : <200 mg/dl borderline high risk:200-240mg/dl high: >240 mg/dl	Spectrophotometry
Serum Triglyceride	10	mg/dL	00-161 mg/dl infants: high :161-199 mg/dl hypertriglyceridemic:200-499mg/dl	Serum, Enzymatic, endpoint
High Density Lipoprotein (HDL)	32 L	mg/dL	40-54	Serum, Direct measure-PEG
LDL Cholesterol	11 L	mg/dL	85 - 130	Enzymatic selective protection
Very Low Density Lipoprotein (VLDL)	21	mg/dL	5 - 40	Serum, Enzymatic
Cholesterol:HDL Ratio	2	mg/dL	Upto 5 : 1	Serum, Enzymatic

Remarks

NOTE: - Lipid profile ranges as per ncep-atp 111 are: Serum cholesterol (Total): Desirable: /=250mg/dl. Serum high-density lipoprotein cholesterol (HDL): Desirable:>60mg/dl, Boderline: 40-60mg/dl, Elevated:>=70mg/dl TOTAL cholesterol : HDL cholesterol: Low risk: 3.3-4.4,Average risk: 4.4-7.1,Moderate risk: 7.1-11.0,High risk:>11.0 Serum low-density lipoprotein (LDL) cholesterol: Desirable: /=160mg/dl Triglycerides: mg/dl mg/dl mg/dl mg/dl mg/dl Desirable: /=500mg/dl

Albumin Creatine Ratio (ACR)

Urine Micro Albumin	75	mg/L	<30 Normal 30-300 Microalbuminuria >300 Clinical Albuminuria
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Urine Creatine	420 H	mg/dL	39-259	
Albumin Creatine Ratio.	15	mg/g	<30	
Remark				

A1 <30 Normal to mildly increased A2 30-300 Moderately increased* A3 >300 Severely Increased** *ACR 30-300 mg/g for >3 month indicates CKD ** Including nephrotic syndrome

END OF REPORT



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Note : This Report is the persual of Doctor only. Not for medico legal purpose.