



Medical Laboratory Report

ANIL KUMAR

Age: 23 Year(s)

Gender: Male

APLCode: APL-KA-028

RefDoctor:

RefCust :

Sample : WBEDTA

TypeSID : : **9286124**

Collectedon : 2023-05-31 17:00

RegdonRepo : 2023-05-31 21:59

rtedon : 2023-05-31 23:07



HAEMATOLOG			
TestDescription	Result	Units	BiologicalReferenceRanges
COMPLETE BLOOD COUNT			
Hemoglobin (Method: Spectrophotometry)	14.1	g/dL	13.0-18.0
Erythrocyte Count (RBC Count) (Method: Impedance)	5.18	mil/ μ L	4.5-5.5
Packed Cell Volume (Hematocrit) (Method: Calculated)	48.9	%	40-54
Platelet Count (Method: Impedance/ Microscopy)	3.26	lakh/Cumm	1.50-4.50
Red Cell Indices			
(Method: Automated 5part Cell counter/Calculated)			
MCV	99	fl	83-101
MCH	28.9	pg	27-32
MCHC	32.8	g/dL	31.5-34.5
RDW-CV	13.5	%	11.5-14.5
Total Count and Differential Count			
(Method: Impedance/ Microscopy)			
Total Leucocyte Count (WBC)	9700	cells/Cumm	4000-11000
Neutrophils	61	%	40-75
Lymphocytes	30	%	20-40
Eosinophils	03	%	0-6
Monocytes	06	%	2-10
Basophils	00	%	0-1

Ch. Vinay Kumar
Group Leader

Dr. MADHUMATI.B
LAB DIRECTOR



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Age: 23 Year(s)

Gender: Male

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RefDoctor:

RefCust :

Sample : Urine

TypeSID : **9286124**

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CLINICAL PATHOLOGY

TestDescription	Result	Units	BiologicalReferenceRanges
CompleteUrineAnalysis(CUE) (Method: Strip/Microscopy)			
Colour	Pale Yellow		
Appearance	Clear		
Specificgravity	1.015		1.000-1.030
Reaction(pH)	6.0		5.0-8.5
Proteins	Nil		Negative
Glucose	Negative		Negative
BileSalts&BilePigments	Negative		Negative
Ketones	Negative		Negative
Blood	Negative		Negative
Urobilinogen	Normal		Normal
Nitrites	Negative		Negative
PUS(WBC)Cells	2-3		0-5/HPF
UrineRBC	Nil		Nil
UrineEpithelialCells	1-2		0-5/HPF
Casts&Crystals	Nil		Nil
Others	Nil		



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Sample : NaFPLASMA

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CLINICAL BIOCHEMISTRY

TestDescription	Result	Units	BiologicalReferenceRanges
GlucoseRandom (Method: Hexokinase)			
PlasmaGlucose-Random	96	mg/dL	Normal : 74 - 130 ImpairedGT: 107 - 125 Diabetic : >or=160
Cholesterol-Total (Method: CHOD/PAP)			
Cholesterol-Total	150	mg/dL	<200 : Desirable 200-239: Borderline risk >240 : High risk
BilirubinTotal (Method: Diazotised Sulphanilic Acid)			
BilirubinTotal	0.4	mg/dL	0.3-1.2
AspartateAminotransferase(AST) (Method: UV with Pyridoxal-5-phosphate)			
AspartateAminotransferase(AST)	19	U/L	<50

Ch. Samuel
Manager Technical

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Sample : WB EDTA

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TestDescription	CLINICALBIOCHEMISTRY Result	Units	BiologicalReferenceRanges
GLYCOSYLATEDHEMOGLOBIN(HbA1c) (Method: ion-exchange high-performance liquid chromatography (HPLC))			
HemoglobinA1c(HbA1c)	5.3	%	<6: NonDiabetic 6-7: Good Control 7-8: PoorControl >8: Alert
Estimated average glucose (eAG)	105	%	HbA1c(%) : eAG(mg/dL) 6 : 125 6.5 : 140 7 : 154 7.5 : 169 8 : 183 8.5 : 197 9 : 212 9.5 : 226 10 : 240

The A1c test is common blood test used to identify prediabetes, diagnose type 1 and type 2 diabetes and to monitor how diabetes is managing. The A1c test result reflects your average blood glucose levels for the past two to three months. *American Diabetes Association* recommends HbA1c monitoring frequency should be quarterly, particularly in case with suboptimal HbA1c conditions.

HbA1c(%)	eAG(mg/dl)	Condition	Severity
6.0	125	Non Diabetic : < 6.0	
6.5	140	Good Control : 6.0 - < 7.0	
7.0	154		
7.5	169	Poor Control : 7.0 - < 8.0	
8.0	183		
8.5	197		
9.0	212		
9.5	226	Diabetic > 8.0	
10.0	240		

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Sample : Stool

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CLINICAL PATHOLOGY

TestDescription	Result	Units	BiologicalReferenceRanges
<u>STOOL ROUTINE</u>			
General Examination			
Colour	Yellowish		
Consistency	Semisolid		
Mucus	Absent		
Reaction(pH)	Acidic		
Reducing substances	Absent		
Occult Blood	Absent		
MICROSCOPIC EXAMINATION			
Pus Cells (Leucocytes)	Occasional/hpf		
Epithelial cells	Occasional/hpf		
Ova	Not seen		
Cysts	Not seen		
Fat Globules	Absent		
Macrophages	Not seen	/hpf	
Yeasts	Not seen		

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