


Patient Name	: Mr . Ram .	Collected	: 09/Jun/2024 06:43AM
Age/Gender	: 23 Y 1 M 2 D /M	Received	: 09/Jun/2024 11:53AM
UHID/MR No	: CNIZ.0000043327	Reported	: 09/Jun/2024 12:22PM
Visit ID	: DOUSOPV28163	Status	: Final Report
Ref Doctor	: Dr.SELF	Client Name	: PUP 24X7_CREDIT
IP/OP NO	:	Center location	: Praneeth Pranav Valley, Bachupally,Hyderabad

DEPARTMENT OF HAEMATOLOGY

APOLLO DIABETES PANEL - BASIC

Test Name	Result	Unit	Bio. Ref. Range	Method
COMPLETE BLOOD COUNT (CBC) , WHOLE BLOOD EDTA				
HAEMOGLOBIN	11.4	g/dL	13-17	Spectrophotometer
PCV	43.80	%	40-50	Electronic pulse & Calculation
RBC COUNT	5.58	Million/cu.mm	4.5-5.5	Electrical Impedance
MCV	78.4	fL	83-101	Calculated
MCH	27.7	pg	27-32	Calculated
MCHC	35.3	g/dL	31.5-34.5	Calculated
R.D.W	15.8	%	11.6-14	Calculated
TOTAL LEUCOCYTE COUNT (TLC)	7,010	cells/cu.mm	4000-10000	Electrical Impedance
DIFFERENTIAL LEUCOCYTIC COUNT (DLC)				
NEUTROPHILS	56	%	40-80	Electrical Impedance
LYMPHOCYTES	31	%	20-40	Electrical Impedance
EOSINOPHILS	4	%	1-6	Electrical Impedance
MONOCYTES	9	%	2-10	Electrical Impedance
BASOPHILS	0	%	0-2	Electrical Impedance
CORRECTED TLC	7,010	Cells/cu.mm		Calculated
ABSOLUTE LEUCOCYTE COUNT				
NEUTROPHILS	3925.6	Cells/cu.mm	2000-7000	Calculated
LYMPHOCYTES	2173.1	Cells/cu.mm	1000-3000	Calculated
EOSINOPHILS	280.4	Cells/cu.mm	20-500	Calculated
MONOCYTES	630.9	Cells/cu.mm	200-1000	Calculated
Neutrophil lymphocyte ratio (NLR)	1.81		0.78- 3.53	Calculated
PLATELET COUNT	214000	cells/cu.mm	150000-410000	Electrical impedance


Dr.KASULA SIDDARTHA
 M.B.B.S,DNB(Pathology)
 Consultant Pathologist

Page 1 of 7
CAP
 ACCREDITED
 COLLEGE of AMERICAN PATHOLOGISTS



SIN No:HA07057124

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory,Hyderabad

Apollo Health and Lifestyle Limited

(CIN - U85110TG2000PLC115819)

Corporate Office: 7-1-617/A, 7th Floor, Imperial Towers, Ameerpet, Hyderabad-500016, Telangana

Ph No: 040-4904 7777 | www.apollohl.com | Email ID:enquiry@apollohl.com

Patient Name	: Mr.Ram.	Collected	: 09/Jun/2024 06:43AM
Age/Gender	: 23 Y 1 M 2 D /M	Received	: 09/Jun/2024 02:47PM
UHID/MR No	: CNIZ.0000043327	Reported	: 09/Jun/2024 03:18PM
Visit ID	: DOUSOPV28163	Status	: Final Report
Ref Doctor	: Dr.SELF	Client Name	: PUP 24X7_CREDIT
IP/OP NO	:	Center location	: Praneeth Pranav Valley, Bachupally,Hyderabad

DEPARTMENT OF BIOCHEMISTRY

APOLLO DIABETES PANEL - BASIC

Test Name	Result	Unit	Bio. Ref. Range	Method
GLUCOSE, FASTING , NAF PLASMA	102	mg/dL	70-100	Hexokinase

Comment:

As per American Diabetes Guidelines, 2023

Fasting Glucose Values in mg/dL	Interpretation
70-100 mg/dL	Normal
100-125 mg/dL	Prediabetes
≥126 mg/dL	Diabetes
<70 mg/dL	Hypoglycemia

Note:

- 1.The diagnosis of Diabetes requires a fasting plasma glucose of > or = 126 mg/dL and/or a random / 2 hr post glucose value of > or = 200 mg/dL on at least 2 occasions.
2. Very high glucose levels (>450 mg/dL in adults) may result in Diabetic Ketoacidosis & is considered critical.

Test Name	Result	Unit	Bio. Ref. Range	Method
GLUCOSE, POST PRANDIAL (PP), 2 HOURS , SODIUM FLUORIDE PLASMA (2 HR)	297	mg/dL	70-140	HEXOKINASE

Comment:

It is recommended that FBS and PPBS should be interpreted with respect to their Biological reference ranges and not with each other.

Conditions which may lead to lower postprandial glucose levels as compared to fasting glucose levels may be due to reactive hypoglycemia, dietary meal content, duration or timing of sampling after food digestion and absorption, medications such as insulin preparations, sulfonylureas, amylin analogues, or conditions such as overproduction of insulin.


Dr.K.Anusha
M.B.B.S,M.D(Biochemistry)
Consultant Biochemist

Page 2 of 7
CAP
ACCREDITED
COLLEGE of AMERICAN PATHOLOGISTS



SIN No:BI20087510

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory,Hyderabad

Apollo Health and Lifestyle Limited

(CIN - U85110TG2000PLC115819)

Corporate Office: 7-1-617/A, 7th Floor, Imperial Towers, Ameerpet, Hyderabad-500016, Telangana

Ph No: 040-4904 7777 | www.apollohl.com | Email ID:enquiry@apollohl.com

Patient Name	: Mr.Ram .	Collected	: 09/Jun/2024 06:43AM
Age/Gender	: 23 Y 1 M 2 D /M	Received	: 09/Jun/2024 11:48AM
UHID/MR No	: CNIZ.0000043327	Reported	: 09/Jun/2024 02:03PM
Visit ID	: DOUSOPV28163	Status	: Final Report
Ref Doctor	: Dr.SELF	Client Name	: PUP 24X7_CREDIT
IP/OP NO	:	Center location	: Praneeth Pranav Valley, Bachupally,Hyderabad

DEPARTMENT OF BIOCHEMISTRY

APOLLO DIABETES PANEL - BASIC

Test Name	Result	Unit	Bio. Ref. Range	Method
HBA1C (GLYCATED HEMOGLOBIN) , WHOLE BLOOD EDTA				
HBA1C, GLYCATED HEMOGLOBIN	6.8	%		HPLC
ESTIMATED AVERAGE GLUCOSE (eAG)	206	mg/dL		Calculated

Comment:

Reference Range as per American Diabetes Association (ADA) 2023 Guidelines:

REFERENCE GROUP	HBA1C %
NON DIABETIC	<5.7
PREDIABETES	5.7 – 6.4
DIABETES	≥ 6.5
DIABETICS	
EXCELLENT CONTROL	6 – 7
FAIR TO GOOD CONTROL	7 – 8
UNSATISFACTORY CONTROL	8 – 10
POOR CONTROL	>10

Note: Dietary preparation or fasting is not required.

1. HbA1C is recommended by American Diabetes Association for Diagnosing Diabetes and monitoring Glycemic Control by American Diabetes Association guidelines 2023.

2. Trends in HbA1C values is a better indicator of Glycemic control than a single test.

3. Low HbA1C in Non-Diabetic patients are associated with Anemia (Iron Deficiency/Hemolytic), Liver Disorders, Chronic Kidney Disease. Clinical Correlation is advised in interpretation of low Values.


4. Falsely low HbA1c (below 4%) may be observed in patients with clinical conditions that shorten erythrocyte life span or decrease mean erythrocyte age. HbA1c may not accurately reflect glycemic control when clinical conditions that affect erythrocyte survival are present.

5. In cases of Interference of Hemoglobin variants in HbA1C, alternative methods (Fructosamine) estimation is recommended for Glycemic Control

A: HbF >25%

B: Homozygous Hemoglobinopathy.

(Hb Electrophoresis is recommended method for detection of Hemoglobinopathy)


Dr.E.Maruthi Prasad
 PhD (Biochemistry)
 Consultant biochemist


Dr.K.Anusha
 M.B.B.S,M.D(Biochemistry)
 Consultant Biochemist

Page 3 of 7
CAP
 ACCREDITED
 COLLEGE of AMERICAN PATHOLOGISTS



SIN No:BI20087511

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory,Hyderabad

(CIN - U85110TG2000PLC115819)

Corporate Office: 7-1-617/A, 7th Floor, Imperial Towers, Ameerpet, Hyderabad-500016, Telangana

Ph No: 040-4904 7777 | www.apollohl.com | Email ID:enquiry@apollohl.com

Patient Name	: Mr.Ram .	Collected	: 09/Jun/2024 06:43AM
Age/Gender	: 23 Y 1 M 2 D /M	Received	: 09/Jun/2024 11:48AM
UHID/MR No	: CNIZ.0000043327	Reported	: 09/Jun/2024 02:03PM
Visit ID	: DOUSOPV28163	Status	: Final Report
Ref Doctor	: Dr.SELF	Client Name	: PUP 24X7_CREDIT
IP/OP NO	:	Center location	: Praneeth Pranav Valley, Bachupally,Hyderabad

DEPARTMENT OF BIOCHEMISTRY
APOLLO DIABETES PANEL - BASIC

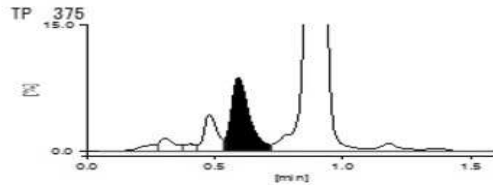
Chromatogram Report

HLC723G8 V5.28 1 2024-06-09 12:54:40
ID B120087511
Sample No. 06090056 SL 0004 - 06
Patient ID
Name
Comment

CALIB	Y = 1.2150X + 0.5003		
Name	%	Time	Area
A1A	0.6	0.23	9.07
A1B	1.0	0.30	14.94
F	0.4	0.40	6.65
LA1C+	2.4	0.48	36.72
SA1C	8.8	0.59	105.15
A0	89.2	0.89	1371.91
H-V0			
H-V1			
H-V2			

Total Area 1544.44

HbA1c 8.8 % IFCC 73 mmol/mol
HbA1 10.4 % HbF 0.4 %



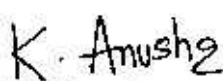
09-06-2024 12:54:40 APOLLO

APOLLO DIAGNOSTICS GLOBAL
BALANAGER

1 / 1



Dr.E.Maruthi Prasad
PhD (Biochemistry)
Consultant biochemist



Dr.K.Anusha
M.B.B.S,M.D(Biochemistry)
Consultant Biochemist

Page 4 of 7
CAP
ACCREDITED
COLLEGE of AMERICAN PATHOLOGISTS



SIN No: B120087511

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory, Hyderabad

(CIN - U85110TG2000PLC115819)

Corporate Office: 7-1-617/A, 7th Floor, Imperial Towers, Ameerpet, Hyderabad-500016, Telangana

Ph No: 040-4904 7777 | www.apollohl.com | Email ID: enquiry@apollohl.com

Patient Name	: Mr.Ram .	Collected	: 09/Jun/2024 06:43AM
Age/Gender	: 23 Y 1 M 2 D /M	Received	: 09/Jun/2024 12:05PM
UHID/MR No	: CNIZ.0000043327	Reported	: 09/Jun/2024 01:34PM
Visit ID	: DOUSOPV28163	Status	: Final Report
Ref Doctor	: Dr.SELF	Client Name	: PUP 24X7_CREDIT
IP/OP NO	:	Center location	: Praneeth Pranav Valley, Bachupally,Hyderabad

DEPARTMENT OF BIOCHEMISTRY

APOLLO DIABETES PANEL - BASIC

Test Name	Result	Unit	Bio. Ref. Range	Method
CREATININE , SERUM	1.84	mg/dL	0.84 - 1.25	Modified Jaffe, Kinetic



K. Anusha
Dr.K.Anusha
M.B.B.S,M.D(Biochemistry)
Consultant Biochemist

Page 5 of 7
CAP
ACCREDITED
COLLEGE of AMERICAN PATHOLOGISTS



SIN No:BI20087512

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory,Hyderabad

Apollo Health and Lifestyle Limited

(CIN - U85110TG2000PLC115819)

Corporate Office: 7-1-617/A, 7th Floor, Imperial Towers, Ameerpet, Hyderabad-500016, Telangana

Ph No: 040-4904 7777 | www.apollohl.com | Email ID:enquiry@apollohl.com

Patient Name	: Mr. Ram.	Collected	: 09/Jun/2024 06:43AM
Age/Gender	: 23 Y 1 M 2 D /M	Received	: 09/Jun/2024 11:49AM
UHID/MR No	: CNIZ.0000043327	Reported	: 09/Jun/2024 12:56PM
Visit ID	: DOUSOPV28163	Status	: Final Report
Ref Doctor	: Dr.SELF	Client Name	: PUP 24X7_CREDIT
IP/OP NO	:	Center location	: Praneeth Pranav Valley, Bachupally,Hyderabad


DEPARTMENT OF CLINICAL PATHOLOGY

APOLLO DIABETES PANEL - BASIC

Test Name	Result	Unit	Bio. Ref. Range	Method
COMPLETE URINE EXAMINATION (CUE) , URINE				
PHYSICAL EXAMINATION				
COLOUR	YELLOW		PALE YELLOW	Physical measurement
TRANSPARENCY	HAZY		CLEAR	Physical measurement
pH	5.0		5-7.5	Bromothymol Blue
SP. GRAVITY	1.023		1.002-1.030	Dipstick
BIOCHEMICAL EXAMINATION				
URINE PROTEIN	NEGATIVE		NEGATIVE	PROTEIN ERROR OF INDICATOR
GLUCOSE	POSITIVE++		NEGATIVE	GOD-POD
URINE BILIRUBIN	NEGATIVE		NEGATIVE	AZO COUPLING
URINE KETONES (RANDOM)	NEGATIVE		NEGATIVE	Sodium nitro prusside
UROBILINOGEN	NORMAL		NORMAL (0.1-1.8mg/dl)	Diazonium salt
NITRITE	NEGATIVE		NEGATIVE	Griess reaction
LEUCOCYTE ESTERASE	NEGATIVE		NEGATIVE	Diazonium salt
CENTRIFUGED SEDIMENT WET MOUNT AND MICROSCOPY				
PUS CELLS	1	/hpf	0-5	Automated Image based microscopy
EPITHELIAL CELLS	1	/hpf	< 10	Automated Image Based Microscopy
RBC	0	/hpf	0-2	Automated Image based microscopy
CASTS	ABSENT	/lpf	0-2 Hyaline Cast	Automated Image based microscopy
CRYSTALS	CALCIUM OXALATE CRYSTALS PRESENT	/hpf	Occasional-Few	Automated Image based microscopy

Comment:

All urine samples are checked for adequacy and suitability before examination. Microscopy findings are reported as an average of 10 high power fields.


Dr.KASULA SIDDARTHA
M.B.B.S,DNB(Pathology)
Consultant Pathologist

Page 6 of 7
CAP
ACCREDITED
COLLEGE of AMERICAN PATHOLOGISTS



SIN No:C02873782

This test has been performed at Apollo Health & Lifestyle Ltd, Global Reference Laboratory,Hyderabad

Apollo Health and Lifestyle Limited

(CIN - U85110TG2000PLC115819)

Corporate Office: 7-1-617/A, 7th Floor, Imperial Towers, Ameerpet, Hyderabad-500016, Telangana

Ph No: 040-4904 7777 | www.apollohl.com | Email ID:enquiry@apollohl.com