



MD		<b>Dr. Vinay Chopra</b> MD (Pathology & Microbiology) Chairman & Consultant Pathologist		Dr. Yugam Chopra MD (Pathology) CEO & Consultant Pathologist		
NAME	: Mrs. BABLI					
AGE/ GENDER	: 72 YRS/FEMA	LE	PA	FIENT ID	: 1675969	
OLLECTED BY :		RE	G. NO./LAB NO.	: 042411190001		
REFERRED BY	:		RE	GISTRATION DATE	: 19/Nov/2024 12:31 PM	
BARCODE NO.	:A1164516		CO	LLECTION DATE	: 19/Nov/2024 04:06PM	
CLIENT CODE.	: KOS DIAGNOS	TIC SHAHBAD	RE	PORTING DATE	: 19/Nov/2024 04:13PM	
CLIENT ADDRESS	: 6349/1, NICH	OLSON ROAD, AI	MBALA CANTT			
Test Name			Value	Unit	Biological Reference interv	val
tissues back to the lu A low hemoglobin lev	ings. /el is referred to a:		50	rom the lungs to the b	odys tissues and returns carbon dioxide fro	om tl
ANEMIA (DÉCRESED 1) Loss of blood (trau 2) Nutritional deficie 3) Bone marrow prob 4) Suppression by re- 5) Kidney failure 6) Abnormal hemogl POLYCYTHEMIA (INCI 1) People in higher a 2) Smoking (Seconda 3) Dehydration produ 4) Advanced lung dis 5) Certain tumors 6) A disorder of the k 7) Abuse of the drug	umatic injury, surg ncy (iron, vitamin blems (replacemen d blood cell synthe obin structure (sic <b>REASED HAEMOGL</b> lititudes (Physiolo ry Polycythemia) uces a falsely rise ease (for example, bone marrow know	B12, folate) t of bone marrov esis by chemothe ckle cell anemia c <b>OBIN):</b> gical) in hemoglobin du emphysema) vn as polycythem	v by cancer) erapy drugs or thalassemia). ue to increased hae ia rubra vera,	moconcentration	e amount of oxygen available to the body b	

## NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD





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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.

Page 1 of 6





	Dr. Vinay Ch MD (Pathology & Chairman & Con		Dr. Yugam Chopra MD (Pathology) CEO & Consultant Pathologist		
NAME	: Mrs. BABLI				
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CLIENT CODE.	: KOS DIAGNOSTIC SHAHBAD	REP	ORTING DATE	: 19/Nov/2024 05:01PM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,		ORTING DATE	. 10/110// 202100.01111	
Test Name		Value	Unit	Biological Reference interval	
	GLY	COSYLATED HAEM	OGLOBIN (HBA1C)		
	GLY MOGLOBIN (HbA1c):	COSYLATED HAEM( 9 <sup>H</sup>	DGLOBIN (HBA1C) %	4.0 - 6.4	
WHOLE BLOOD	MOGLOBIN (HbA1c):			4.0 - 6.4	
WHOLE BLOOD by hplc (high perform ESTIMATED AVERAG	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE			4.0 - 6.4 60.00 - 140.00	
WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAG by HPLC (HIGH PERFORM	MOGLOBIN (HbA1c):	<del>9</del> н	%		
WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAG by HPLC (HIGH PERFORM	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY)	9 <sup>H</sup> 211.6 <sup>H</sup>	% mg/dL		
WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAG by HPLC (HIGH PERFORM INTERPRETATION:	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN DIAE	9 <sup>H</sup> 211.6 <sup>H</sup> TETES ASSOCIATION (ADA)	% mg/dL	60.00 - 140.00	
WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAG by HPLC (HIGH PERFORM INTERPRETATION: RE	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN DIAE FERENCE GROUP	9 <sup>H</sup> 211.6 <sup>H</sup> TETES ASSOCIATION (ADA)	% mg/dL : : : : : :	60.00 - 140.00	
WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAG by HPLC (HIGH PERFORM INTERPRETATION: RE Non diab	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN DIAE FERENCE GROUP Metic Adults >= 18 years	9 <sup>H</sup> 211.6 <sup>H</sup> TETES ASSOCIATION (ADA)	% mg/dL : : : : : : : : : : : : : : : : : : :	60.00 - 140.00	
WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAG by HPLC (HIGH PERFORM INTERPRETATION: RE RE Non diab At F	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN DIAE FERENCE GROUP Metic Adults >= 18 years Risk (Prediabetes)	9 <sup>H</sup> 211.6 <sup>H</sup> TETES ASSOCIATION (ADA)	% mg/dL : DHEMOGLOGIB (HBAIC) in <5.7 5.7 – 6.4	60.00 - 140.00	
WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAG by HPLC (HIGH PERFORM INTERPRETATION: RE Non diab At F	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN DIAE FERENCE GROUP Metic Adults >= 18 years	9H 211.6 <sup>H</sup> HETES ASSOCIATION (ADA) GLYCOSYLATED	% mg/dL : DHEMOGLOGIB (HBAIC) ir <5.7 5.7 - 6.4 >= 6.5	60.00 - 140.00	
WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAG by HPLC (HIGH PERFORM INTERPRETATION: RE Non diab At F	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN DIAE FERENCE GROUP Metic Adults >= 18 years Risk (Prediabetes)	9H 211.6 <sup>H</sup> EETES ASSOCIATION (ADA) GLYCOSYLATED	% mg/dL : DHEMOGLOGIB (HBAIC) ir <5.7 5.7 - 6.4 >= 6.5 Age > 19 Years	60.00 - 140.00	
WHOLE BLOOD by HPLC (HIGH PERFORM ESTIMATED AVERAG by HPLC (HIGH PERFORM INTERPRETATION: RE Non diab At I Dia	MOGLOBIN (HbA1c): MANCE LIQUID CHROMATOGRAPHY) E PLASMA GLUCOSE MANCE LIQUID CHROMATOGRAPHY) AS PER AMERICAN DIAE FERENCE GROUP Metic Adults >= 18 years Risk (Prediabetes)	9H 211.6 <sup>H</sup> HETES ASSOCIATION (ADA) GLYCOSYLATED	% mg/dL : DHEMOGLOGIB (HBAIC) ir <5.7 5.7 - 6.4 >= 6.5	60.00 - 140.00	

## COMMENTS:

TEST PERFORMED AT KOS DIAGNOSTIC LAB. AMBALA CANTT

1.Glycosylated hemoglobin (HbA1c) test is three monthly monitoring done to assess compliace with therapeutic regimen in diabetic patients.

2.Since Hb1c reflects long term fluctuations in blood glucose concentration, a diabetic patient who has recently under good control may still have high concentration of HbAlc. Converse is true for a diabetic previously under good control but now poorly controlled.

<7.5

Goal of therapy:

3. Target goals of < 7.0 % may be beneficial in patients with short duration of diabetes, long life expectancy and no significant cardiovascular disease. In patients with significant complications of diabetes, limited life expectancy or extensive co-morbid conditions, targetting a goal of < 7.0% may not be appropriate. 4. High

HbA1c (>9.0 -9.5 %) is strongly associated with risk of development and rapid progression of microvascular and nerve complications 5. Any condition that shorten RBC life span like acute blood loss, hemolytic anemia falsely lower HbA1c results.

6.HbA1c results from patients with HbSS,HbSC and HbD must be interpreted with caution, given the pathological processes including anemia, increased red cell turnover, and transfusion requirement that adversely impact HbA1c as a marker of long-term gycemic control.

7.Specimens from patients with polycythemia or post-splenctomy may exhibit increse in HbA1c values due to a somewhat longer life span of the red cells.





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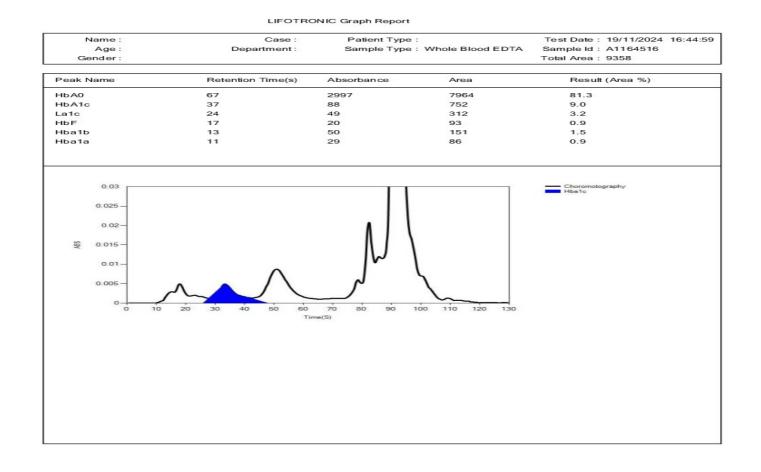
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Test Name		Value Unit	Biological Reference interval
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	Dr. Vinay Chopra	a 🔰 Dr. Yugar	n Chopra







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REFERRED BY	:	REGISTRATION DATE COLLECTION DATE		: 19/Nov/2024 12:31 PM : 19/Nov/2024 03:58PM	
BARCODE NO.	: A1164515				
CLIENT CODE.	: KOS DIAGNOSTIC SHAHBAD	HBAD <b>REPORTING DATE</b>		: 19/Nov/2024 05:04PM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	ROAD, AMBALA CANTT			
Test Name		Value	Unit	Biological Reference interval	
Test Name	CLINIC	Value AL CHEMISTRY			
Test Name	CLINIC		/BIOCHEMIST		

NATIONAL LIPID ASSOCIATION RECOMMENDATIONS (NLA-2014)	CHOLESTEROL IN ADULTS (mg/dL)	CHOLESTEROL IN ADULTS (mg/dL)
DESIRABLE	< 200.0	< 170.0
BORDERLINE HIGH	200.0 - 239.0	171.0 - 199.0
HIGH	>= 240.0	>= 200.0

NOTE:

 Molection
 Measurements in the same patient can show physiological & analytical variations. Three serial samples 1 week apart are recommended for Total Cholesterol, Triglycerides, HDL & LDL Cholesterol.
 As per National Lipid association - 2014 guidelines, all adults above the age of 20 years should be screened for lipid status. Selective screening of children above the age of 2 years with a family history of premature cardiovascular disease or those with at least one parent with high total cholesterol. high total cholesterol is recommended.





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CLIENT CODE.	: KOS DIAGNOSTIC SHAHBAD		PORTING DATE	: 19/Nov/2024 05:14PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	MBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
<u>PHYSICAL EXAMI</u> QUANTITY RECIEV	URINE ROU NATION	CLINICAL PA TINE & MICRO 10	DSCOPIC EXAMINA	ATION
	CTANCE SPECTROPHOTOMETRY	AMDED VEL	IOW	
COLOUR by DIP STICK/REFLEC	CTANCE SPECTROPHOTOMETRY	AMBER YEL	LUW	PALE YELLOW
	CTANCE SPECTROPHOTOMETRY	HAZY		CLEAR
SPECIFIC GRAVITY	<i>l</i>	1.01		1.002 - 1.030
by DIP STICK/REFLEC	CTANCE SPECTROPHOTOMETRY			
REACTION		ACIDIC		
PROTEIN	CTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
SUGAR	CTANCE SPECTROPHOTOMETRY	2+		NEGATIVE (-ve)
pH		<=5.0		5.0 - 7.5
BILIRUBIN	CTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
NITRITE		Negative		NEGATIVE (-ve)
UROBILINOGEN	CTANCE SPECTROPHOTOMETRY.	Normal	EU/dL	0.2 - 1.0
KETONE BODIES		Negative		NEGATIVE (-ve)
BLOOD	CTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
by DIP STICK/REFLEC	CTANCE SPECTROPHOTOMETRY	NEGATIVE (-	-ve)	NEGATIVE (-ve)
by DIP STICK/REFLEC	CTANCE SPECTROPHOTOMETRY	NEGATIVE (-		NEGATIVE (-VC)
MICROSCOPIC EX				
RED BLOOD CELLS	S (RBCs) CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-	-ve) /HPF	0 - 3





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			/
Test Name	Value	Unit	<b>Biological Reference interval</b>

restrume	Value	CIM	biological weier chee inter var
PUS CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	1-3	/HPF	0 - 5
EPITHELIAL CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	2-4	/HPF	ABSENT
CRYSTALS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)
CASTS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)
BACTERIA by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)
OTHERS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)
TRICHOMONAS VAGINALIS (PROTOZOA) by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	ABSENT		ABSENT

\*\*\* End Of Report \*\*\*



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