



# P K R JAIN HEALTHCARE INSTITUTE

NASIRPUR, Hissar Road, AMBALA CITY- (Haryana)

**A PIONEER DIAGNOSTIC CENTRE**

☎ 0171-2532620, 8222896961 ✉ pkrjainhealthcare@gmail.com

**NAME** : Mr. GANEET JAIN  
**AGE/ GENDER** : 63 YRS/MALE  
**COLLECTED BY** :  
**REFERRED BY** :  
**BARCODE NO.** : 12504325  
**CLIENT CODE.** : P.K.R JAIN HEALTHCARE INSTITUTE  
**CLIENT ADDRESS** : NASIRPUR, HISSAR ROAD, AMBALA CITY - HARYANA

**PATIENT ID** : 1591488  
**REG. NO./LAB NO.** : 122408260024  
**REGISTRATION DATE** : 26/Aug/2024 12:49 PM  
**COLLECTION DATE** : 26/Aug/2024 01:19PM  
**REPORTING DATE** : 26/Aug/2024 04:13PM

Test Name	Value	Unit	Biological Reference interval
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## HAEMATOLOGY

### GLYCOSYLATED HAEMOGLOBIN (HbA1C)

**GLYCOSYLATED HAEMOGLOBIN (HbA1c):**  
**WHOLE BLOOD**  
by HPLC (HIGH PERFORMANCE LIQUID CHROMATOGRAPHY)  
**ESTIMATED AVERAGE PLASMA GLUCOSE**  
by HPLC (HIGH PERFORMANCE LIQUID CHROMATOGRAPHY)  
**INTERPRETATION:**

8.6 <sup>H</sup>	%	4.0 - 6.4
200.12 <sup>H</sup>	mg/dL	60.00 - 140.00

#### AS PER AMERICAN DIABETES ASSOCIATION (ADA):

REFERENCE GROUP	GLYCOSYLATED HEMOGLOBIN (HBA1C) in %	
Non diabetic Adults >= 18 years	<5.7	
At Risk (Prediabetes)	5.7 – 6.4	
Diagnosing Diabetes	>= 6.5	
Therapeutic goals for glycemic control	Age > 19 Years	
	Goals of Therapy:	< 7.0
	Actions Suggested:	>8.0
	Age < 19 Years	
	Goal of therapy:	<7.5

#### COMMENTS:

- Glycosylated hemoglobin (HbA1c) test is three monthly monitoring done to assess compliance with therapeutic regimen in diabetic patients.
  - 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 HbA1c. Converse is true for a diabetic previously under good control but now poorly controlled.
  - 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, targeting a goal of < 7.0% may not be appropriate.
  - 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 glycemic control.
- 7.Specimens from patients with polycythemia or post-splenectomy may exhibit increase in HbA1c values due to a somewhat longer life span of the red cells.



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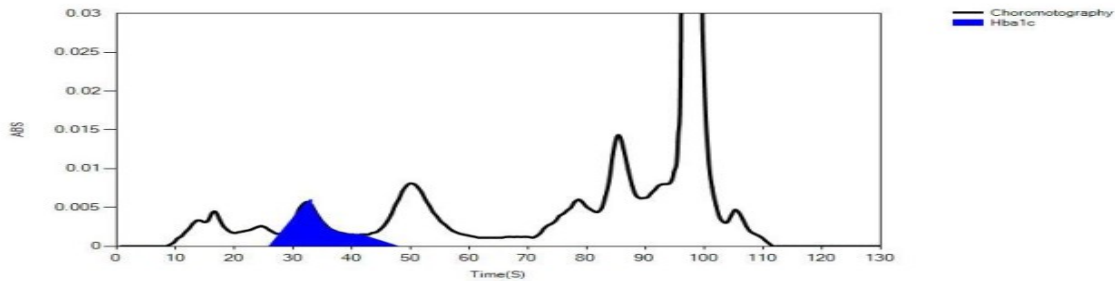
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## LIFOTRONIC Graph Report

Name :	Case :	Patient Type :	Test Date : 26/08/2024 15:54:00
Age :	Department :	Sample Type : Whole Blood EDTA	Sample Id : 12504325
Gender :			Total Area : 8646


Peak Name	Retention Time(s)	Absorbance	Area	Result (Area %)
HbA0	72	5145	7546	84.0
HbA1c	37	81	776	8.6
La1c	28	15	161	1.8
HbF	23	57	50	0.6
Hba1b	15	18	14	0.2
Hba1a	10	34	99	1.1



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



  
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