

Patient NAME		Report STATUS	
DOB/Age/Gender		Barcode NO	
Patient ID / UHID		Sample Type	
Referred BY		Report Date	
Sample Collected			
Test Description	Value(s)	Unit(s)	Reference Range

HbA1C (Glycosylated Haemoglobin)

Glycosylated Hemoglobin (HbA1c) HPLC	5	%	< 5.7
Estimated Average Glucose *	96.8	mg/dl	Refer Table Below

Interpretation:

Interpretation For HbA1c% 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
Therapeutic goals for glyemic control	Age > 19 years Goal of therapy: < 7.0 Age < 19 years Goal of therapy: <7.5

Note:

- Since HbA1c reflects long term fluctuations in the blood glucose concentration, a diabetic patient who is recently under good control may still have a 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.

Comments :

HbA1c provides an index of average blood glucose levels over the past 8 - 12 weeks and is a much better indicator of long term glyemic control as compared to blood and urinary glucose determinations ADA criteria for correlation between HbA1c & Mean plasma glucose levels.

HbA1c(%)	Mean Plasma Glucose (mg/dL)	HbA1c(%)	Mean Plasma Glucose (mg/dL)
6	126	12	298
8	183	14	355
10	240	16	413

*** End Of Report ***

(*) Parameter(s) are outside the scope of tests recognized under the NABL M(EL)T Scheme.



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Patient Data

Sample ID:
Patient ID:
Name:
Physician:
Sex:
DOB:

Comments:

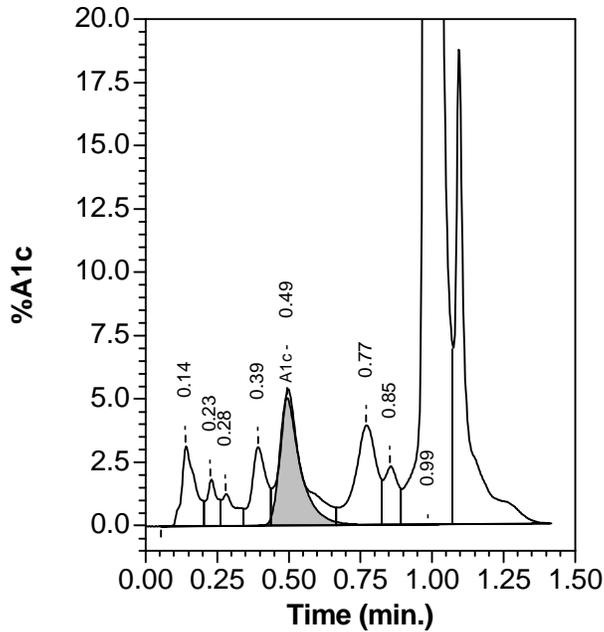
Analysis Data

Analysis Performed:
Injection Number:
Run Number:
Rack ID:
Tube Number:
Report Generated:
Operator ID:

Peak Name	NGSP %	Area %	Retention Time (min)	Peak Area
A1a	---	1.6	0.138	21055
A1b	---	0.7	0.226	9330
F	---	0.7	0.278	8756
LA1c	---	1.8	0.392	23180
A1c	5.0	---	0.493	52986
P3	---	3.3	0.769	42336
P4	---	1.2	0.852	15648
Ao	---	86.6	0.987	1122518

Total Area: 1,295,810

HbA1c (NGSP) = 5.0 %



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