



Reference No.	: - 2405020111	Age/Gender	: 23 Yrs/Female
Pt's Name	: Ms. SHABNAM 10210201		NOD-JIT
Referred By	: NA		
Sample Collection Date/Time	: 10-May-2024	Date	:10-May-2024
Sample Receiving Date/Time	: 10-May-2024 01:31AM	Approved Date	:10-May-2024 06:07AM
Sample From	: JITM Diagnostics	Report Print Time	:10-May-2024 11:48AM

HAEMATOLOGY

Test Description	Observed Value	Biological Reference Interval
Haemoglobin Electrophoresis (HPLC)*		
Peak		
HbF	<0.8	0-2.0
A1c	4.30	4.5 - 6.4 %
P3	4.20	%
A0	87.40	%
A2	2.70	(1.50-3.70) %
Hb D (Punjab)	0.00	%
S-Window	0.00	(< 0.02) %
C-Window	0.00	(< 0.02) %
E-Window	0.00	(< 0.02) %
Unknown (Unidentified)	0.00	(<0.02) %
Others (Non specific)	0.00	(<10.00) %

Comments HPLC

Impression: HPLC findings are within normal limits.

Low Hb A2 levels are seen in:

- Iron-deficiency anemia
- Delta-beta Thalassemia (HbF is also elevated)
- Alpha Thalassemia trait
- Hb H disease
- Delta Thalassemia
- Additional delta chain variant

Borderline high hemoglobin F levels are seen in:

- Children below 2 years of age often have raised fetal hemoglobin levels.

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- Second trimester of pregnancy.
- Hereditary persistence of fetal hemoglobin (HPFH). This condition does not have any significant clinical implications.
- Some individuals with hematological disorders (aplastic anemia, MDS, JMML)
- In approximately 30% of Beta Thalassemia trait patients.

Laboratory is NABL Accredited

*** End Of Report ***

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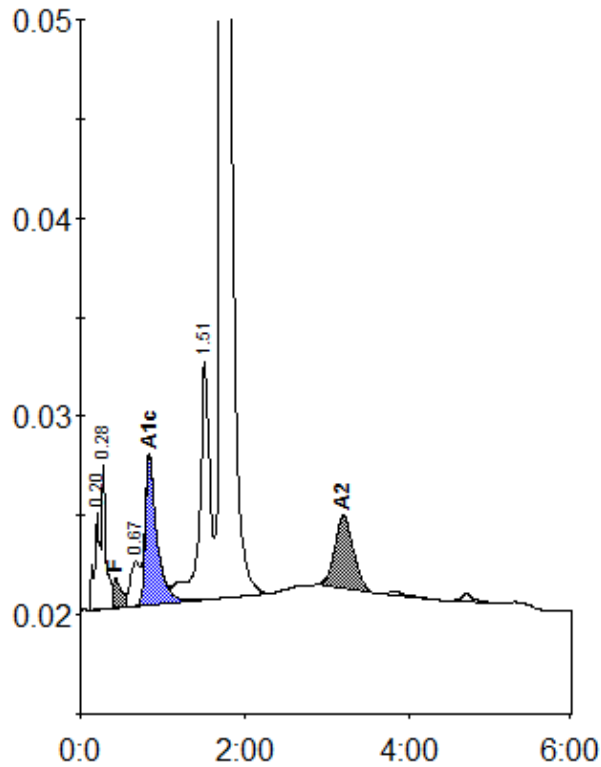
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Patient report

Bio-Rad
D-10
S/N: #DJ9D37996301
Sample ID:
Injection date
Injection #: 7
Rack #: ---

DATE: 05/10/2024
TIME: 01:31 AM
Software version: 4.30-2
2405020111
05/10/2024 12:59 AM
Method: HbA2/F
Rack position: 7



Peak table - ID: 2405020111

Peak	R.time	Height	Area	Area %
A1a	0.20	4915	24283	1.0
A1b	0.28	7386	23236	0.9
F	0.43	1495	14171	< 0.8 *
LA1c/CHb-1	0.67	2266	18100	0.7
A1c	0.84	7449	72524	4.3
P3	1.51	11953	104806	4.2
A0	1.72	464965	2199568	87.4
A2	3.20	3721	58614	2.7
Total Area:		2515302		

Concentration:	%
F	< 0.8 *
A1c	4.3
A2	2.7