



Reference No.	: - 2403038753	Age/Gender	: 26 Yrs/Male
Pt's Name	: Mr. SUBHOJEET 10195300		NOD-JIT
Referred By	: NA		
Sample Collection Date/Time	: 19-Mar-2024	Date	:19-Mar-2024
Sample Receiving Date/Time	: 19-Mar-2024 05:03PM	Approved Date	:20-Mar-2024 06:23AM
Sample From	: JITM Diagnostics	Report Print Time	:20-Mar-2024 10:13AM

HAEMATOLOGY

Test Description	Observed Value	Biological Reference Interval
Haemoglobin Electrophoresis (HPLC)*		
Peak		
HbF	<0.8	0-2.0 %
A1c	5.00	4.5 - 6.4 %
P3	4.60	%
A0	85.80	%
A2	3.20	(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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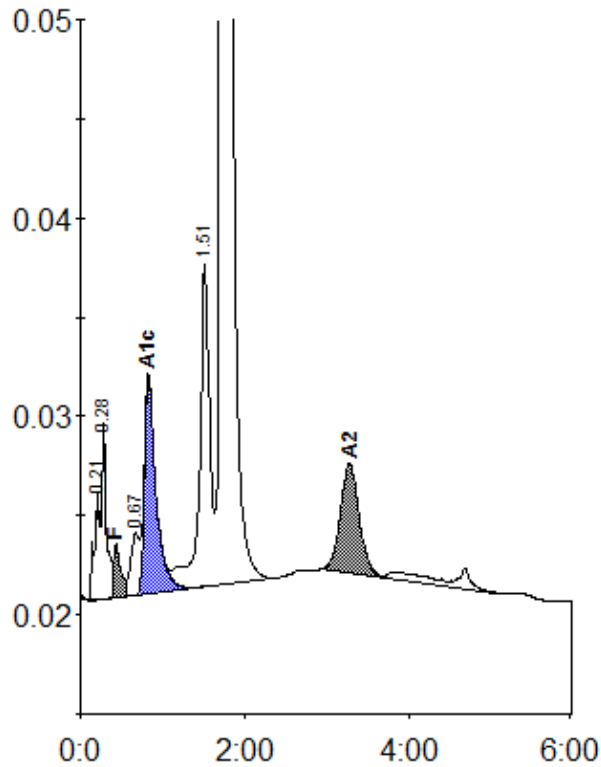
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Patient report

Bio-Rad
D-10
S/N: #DJ9D37996301
Sample ID:
Injection date
Injection #: 21
Rack #: ---

DATE: 03/20/2024
TIME: 01:29 AM
Software version: 4.30-2
2403038753
03/19/2024 02:10 PM
Method: HbA2/F
Rack position: 4



Peak table - ID: 2403038753

Peak	R.time	Height	Area	Area %
A1a	0.21	5329	20502	0.7
A1b	0.28	8905	37502	1.2
F	0.43	2653	18122	< 0.8 *
LA1c/CHb-1	0.67	3120	22508	0.7
A1c	0.83	10817	105138	5.0
P3	1.51	16299	139446	4.6
A0	1.72	526219	2602701	85.8
A2	3.28	5581	89039	3.2
Total Area:		3034958		

Concentration:	%
F	< 0.8 *
A1c	5.0
A2	3.2