



Reference No.	: - 2402052666	Age/Gender	: 24 Yrs/Female
Pt's Name	: Mrs. SUNITA		NOD-JIT
Referred By	: NA		
Sample Collection Date/Time	: 28-Feb-2024	Date	:28-Feb-2024
Sample Receiving Date/Time	: 28-Feb-2024 02:10AM	Approved Date	:28-Feb-2024 04:47AM
Sample From	: JITM Diagnostics	Report Print Time	:28-Feb-2024 10:14AM

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	4.20	%
A0	86.00	%
A2	2.90	(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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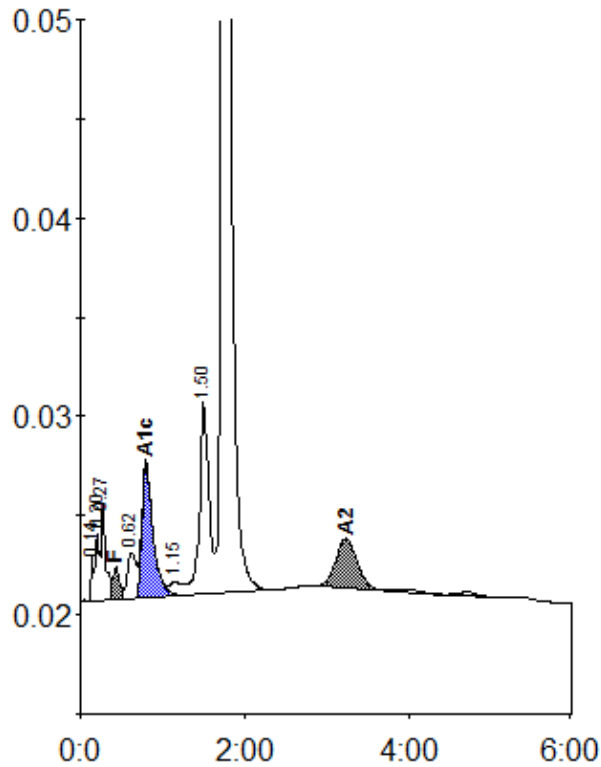
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Patient report

Bio-Rad DATE: 02/28/2024
 D-10 TIME: 12:02 AM
 S/N: #DJ9D37996301 Software version: 4.30-2
 Sample ID: 2402052666
 Injection date 02/27/2024 11:56 PM
 Injection #: 86 Method: HbA2/F
 Rack #: --- Rack position: 10



Peak table - ID: 2402052666

Peak	R.time	Height	Area	Area %
Unknown	0.14	2276	4726	0.3
A1a	0.20	3435	12886	0.7
A1b	0.27	4878	16678	0.9
F	0.43	1641	10017	< 0.8 *
LA1c/CHb-1	0.62	2349	16941	0.9
A1c	0.80	6871	63640	5.0
Unknown	1.15	717	8171	0.5
P3	1.50	9719	75347	4.2
A0	1.73	347906	1543535	86.0
A2	3.23	2436	43683	2.9
Total Area:			1795622	

Concentration:	%
F	< 0.8 *
A1c	5.0
A2	2.9