



Reference No.	: - 2403038752	Age/Gender	: 12 Yrs/Female
Pt's Name	: Ms. PRIYANSHI TOPPO 10195167		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 10:14AM

HAEMATOLOGY

Test Description	Observed Value	Biological Reference Interval
Haemoglobin Electrophoresis (HPLC)*		
Peak		
HbF	0.90	0-2.0
A1c	4.90	4.5 - 6.4 %
P3	4.20	%
A0	86.50	%
A2	2.20	(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.

Dr. Nidhi Vachher
M.B.B.S. M.D.(Pathology)
Hony Consultant Pathologist

Dr. Ajay Kumar
Ph.D (BARC)
Thyroid Physiologist

Dr. Rohini Bhatia
M.B.B.S. M.D.(Pathology)
Hony Consultant Pathologist


Dr. Malti Goyal
M.B.B.S. M.D. (Pathology)
Hony Consultant Pathologist



Reference No.	: - 2403038752	Age/Gender	: 12 Yrs/Female
Pt's Name	: Ms. PRIYANSHI TOPPO 10195167		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 10:14AM

- 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 ***

Dr. Nidhi Vachher
M.B.B.S. M.D.(Pathology)
Hony Consultant Pathologist

Dr. Ajay Kumar
Ph.D (BARC)
Thyroid Physiology

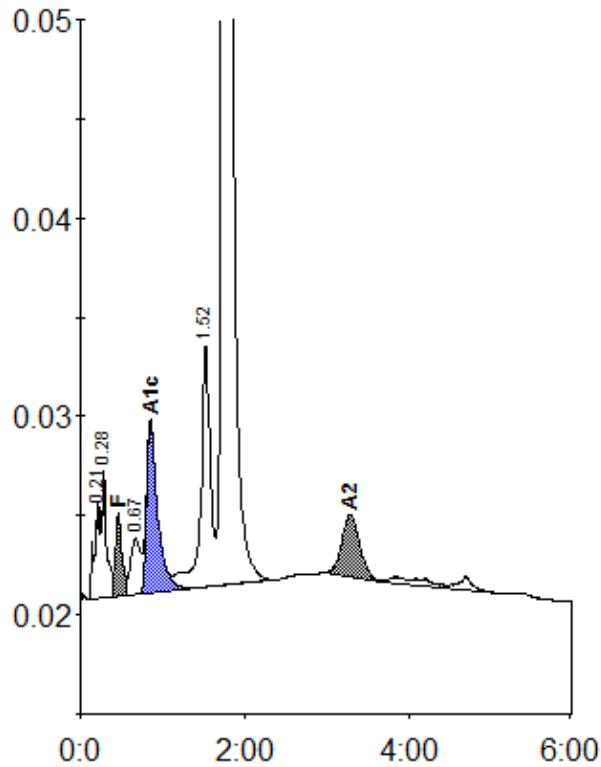
Dr. Rohini Bhatia
M.B.B.S. M.D.(Pathology)
Hony Consultant Pathologist


Dr. Malti Goyal
M.B.B.S. M.D. (Pathology)
Hony Consultant Pathologist

Patient report

Bio-Rad
D-10
S/N: #DJ9D37996301
Sample ID:
Injection date
Injection #: 20
Rack #: ---

DATE: 03/20/2024
TIME: 01:28 AM
Software version: 4.30-2
2403038752
03/19/2024 02:03 PM
Method: HbA2/F
Rack position: 3



Peak table - ID: 2403038752

Peak	R.time	Height	Area	Area %
A1a	0.21	4813	18333	0.8
A1b	0.28	6450	30676	1.3
F	0.46	4176	23083	0.9
LA1c/CHb-1	0.67	2804	23083	1.0
A1c	0.85	8573	79977	4.9
P3	1.52	12228	99053	4.2
A0	1.73	442748	2065003	86.5
A2	3.29	3141	46929	2.2
Total Area:		2386138		

Concentration:	%
F	0.9
A1c	4.9
A2	2.2