



Reference No.

: - 2407033475

Pt's Name

: Ms. PINKY 10235272

Referred By

: NA

Sample Collection Date/Time

Sample Receiving Date/Time Sample From

: 17-Jul-2024

: 17-Jul-2024 04:08PM : JITM Diagnostics

Age/Gender

: 25 Yrs/Female

**NOD-JIT** 

Date

:17-Jul-2024

Approved Date

:18-Jul-2024 03:53AM

Report Print Time

:18-Jul-2024 11:10AM

## **HAEMATOLOGY**

Test Description	Observed Value	Biological Reference Interval
	Haemoglobin Electrophoresis (I	HPLC)*
<u>Peak</u>		
HbF	<0.8	0-2.0
A1c	4.90	4.5 - 6.4 %
P3	5.30	%
A0	85.60	%
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.

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** Page 1 of 2

This test is done by Immuno Diagnostics Pvt Ltd





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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.

\*\*\* 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** Page 2 of 2

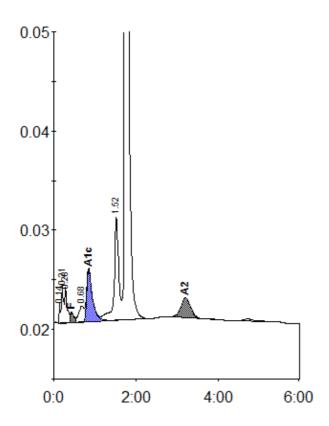
## **Patient report**

Bio-Rad DATE: 07/17/2024 D-10 TIME: 11:15 PM

S/N: #DJ9D37996301 Software version: 4.30-2

Sample ID: 2407033475

Injection date 07/17/2024 01:12 PM
Injection #: 17 Method: HbA2/F
Rack #: --- Rack position: 9



Peak table - ID: 2407033475

Peak	R.time	Height	Area	Area %
Unknown	0.14	1964	3838	0.3
Ala	0.21	3857	13519	0.9
A1b	0.28	3601	13648	0.9
F	0.43	1016	9080	< 0.8 *
LA1c/CHb-1	0.68	1604	13863	0.9
Alc	0.85	5263	51029	4.9
P3	1.52	10380	79708	5.3
A0	1.74	317611	1289488	85.6
A2	3.20	1990	32451	3.2

Concentration:	%
F	< 0.8 *
A1c	4.9
A2	3.2

1506625

Total Area: