



Immuno Diagnostics Pvt. Ltd.

Leading Immuno Assays Laboratory of Northern India

ISO 9001:2015 CERTIFIED LABORATORY

CIN No. U74899DL1979PTC009991



Reference No.	: - 2503017181	Age/Gender	: 49 Yrs/Female
Pt's Name	: Mrs. YESHI CHOEDAN 10335065		
Referred By	: NA		NOD-JIT
Sample Collection Date/Time	: 09-Mar-2025	Date	:09-Mar-2025
Sample Receiving Date/Time	: 09-Mar-2025 02:58AM	Approved Date	:09-Mar-2025 07:24AM
Sample From	: JITM Diagnostics	Report Print Time	:09-Mar-2025 10:30AM

HAEMATOLOGY

Test Description	Observed Value	Biological Reference Interval
Haemoglobin Electrophoresis (HPLC)*		
Peak		
HbF	1.30	0-2.0
A1c	7.50	4.5 - 6.4 %
P3	5.10	%
P4/Unknown (Unidentified)	0.00	%
A0	82.40	%
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) %
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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Hony Consultant Pathologist

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

Dr. Rohini Bhatia
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This test is done by Immuno Diagnostics Pvt Ltd

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B-17, Okhla Phase II, Industrial Area, New Delhi-110020

All results should be co-related clinically; if results are alarming or unexpected, contact the laboratory.
Not valid for Medico-Legal. Result pertain to the specimen submitted.



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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 ***

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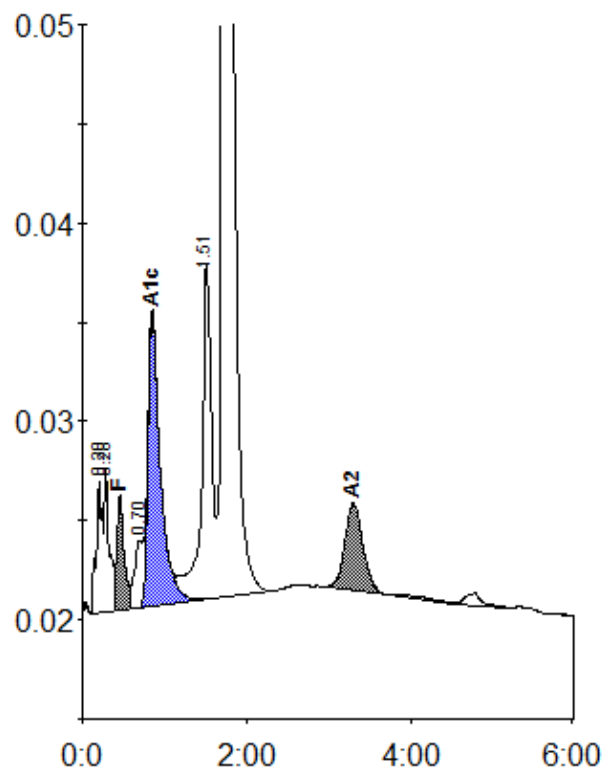
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Patient report

Bio-Rad
D-10
S/N: #DJ9D37996301
Sample ID:
Injection date
Injection #: 28
Rack #: ---

DATE: 03/09/2025
TIME: 02:51 AM
Software version: 4.30-2
2503017181
03/08/2025 11:58 PM
Method: HbA2/F
Rack position: 6



Peak table - ID: 2503017181

Peak	R.time	Height	Area	Area %
A1a	0.20	6666	34904	1.3
A1b	0.28	7262	29869	1.1
F	0.46	5803	36182	1.3
LA1c/CHb-1	0.70	3405	22986	0.8
A1c	0.85	14767	155562	7.5
P3	1.51	16961	142409	5.1
A0	1.71	449923	2283016	82.4
A2	3.30	4360	66888	2.9
Total Area:		2771817		

Concentration:	%
F	1.3
A1c	7.5
A2	2.9