



250067511366832

Name : Ms. RUCHIKA SONAVANE
 Age / Gender : 25 Year(s)/ Female
 Contact No. :
 Address : ..
 Pin code :

VID No. : 250067511366832
 PID No. : P10425558176082
 Referred by : DR.POOJA BANSAL
 Registered On : 23/11/2025 7:08 PM
 Collected On : 23/11/2025 7:07PM
 Reported On : 24/11/2025 4:57 PM



Hemoglobin Variant Studies (Hb Electrophoresis)

(EDTA Whole Blood)

Investigation	Observed Value	Unit	Biological Reference Interval
Foetal Haemoglobin (HbF)	0.2	%	0.0-2.0
Haemoglobin A0 (Hb A0) (Calculated)	97.8	%	94.3-98.5
Haemoglobin A2 (HbA2)	2.0	%	1.5-3.7
Impression	No evidence of Beta Thalassaemia or Haemoglobinopathy History provided:- - Age 25 year - history of blood transfusion not provided. In case any recent history of blood transfusion opinion might change.		
Method	HPLC		

Interpretations & Remarks:-

1. All results have to be correlated with age and history of blood transfusion If there is history of blood transfusion in last 3 months, repeat testing after 3 months from last date of transfusion is recommended.
2. In case of haemoglobinopathy, parents or family studies,DNA Analysis and Genetic counseling is advised.
3. This test detects Beta thalassaemia and haemoglobinopathies. DNA analysis is recommended to rule out alpha thalassaemia and silent carriers.
4. Linearity range of HbF is 1-40%, however, values in excess of the reportable range have been provided for ease of interpretation.
5. Mild to moderate increase in fetal haemoglobin can be seen in some acquired conditions like Pregnancy, Megaloblastic anaemia, Thyrotoxicosis, Hypoxia, Chronic kidney disease, Recovering marrow, MDS, Aplastic anaemia, PNH, Medications (Hydroxyurea, Erythropoietin) etc.
6. P3 window- Above 10% is often indicative of either denatured forms of hemoglobins or may suggest a possibility of abnormal haemoglobin variant. Hence,repeat analysis with fresh sample or DNA studies is advised.
7. P2 window- Above 10% is indicative of either glycated haemoglobin requiring correlation with diabetic status or may suggest a possibility of abnormal haemoglobin variant requiring further DNA studies for confirmation.

Associated Tests- Confirmatory tests for Alpha (A0413) and Beta thalassemia (B0025) and complete gene sequencing for Alpha chain disorder and Beta chain disorder by mutation analysis), PCR & gene sequencing –applicable for patients with abnormal Hemoglobin findings on HPLC & for Prenatal testing (on amniotic fluid & chorionic villous samples) are available at Metropolis Healthcare.



Dr. AMIT TAORI
 MD (Pathology)
 Consultant Pathologist
 Reg No.2017115350

MEDICAL LABORATORY REPORT

** Referred Test

Page 1 of 2

Sample Collected At:

Caremarque Diagnostics, Shop No. 41 - 46, Krishna Kamal Chs.
 Ltd., 111/e, Sector 21, Nerul East, Navi Mumbai - 400706

Processing Location :

Processing Location Metropolis Healthcare Ltd,Unit No409-416,4th Floor,Commercial Building-1,Kohinoor Mall,Mumbai-70



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Bio-Rad CDM System
VII Inst. #1. SN 11730

PATIENT REPORT
V2_BThal

Patient Data

Sample ID: 0552756369
 Patient ID: 250067511366832
 Name: RUCHIKA
 Physician:
 Sex:
 DOB:
 Comments:

Analysis Data

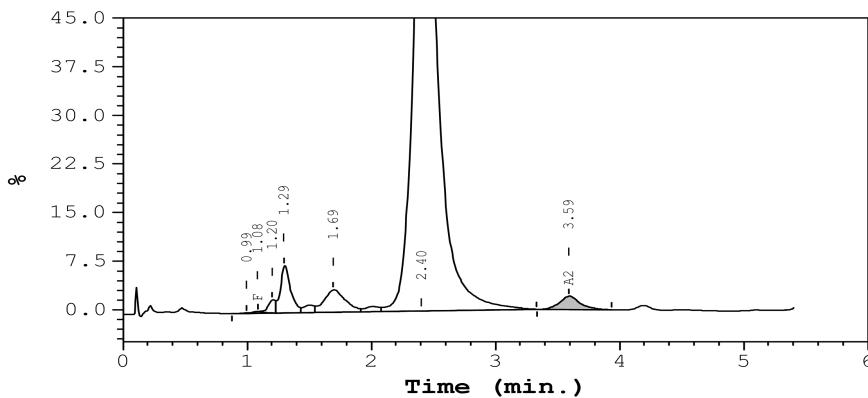
Analysis Performed: 11/24/2025 15:35:14
 Injection Number: 3167U
 Run Number: 232
 Rack ID:
 Tube Number: 5
 Report Generated: 11/24/2025 16:00:15
 Operator ID:

Peak Name	Calibrated Area %	Area %	Retention Time (min)	Peak Area
Unknown	---	0.0	0.99	873
F	0.2	---	1.08	3691
Unknown	---	0.8	1.20	15631
P2	---	3.6	1.29	72569
P3	---	3.5	1.69	71793
Ao	---	89.9	2.40	1820583
A2	2.0	---	3.59	39584

Total Area: 2,024,724

F Concentration = 0.2 %
A2 Concentration = 2.0 %

Analysis comments:

**-- End of Report --**

Test Marked with NABL symbol are in the scope of accreditation

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