


Patient Name : MRS. SUPREETI GUPTA	Reference : SELF	Registered On : 26/06/2022, 08:58 a.m.
Age / Sex : 33 years / Female	Organization : Path Square Labs Pvt. Ltd .	Collected On : 26/06/2022
Patient ID: : 254632	Org Address : 91-92,Shoppng Center,Bakshi Nagar	Reported On : 27/06/2022, 08:34 p.m.
 221770011		

Investigation	Obs.Value(s)	Unit(s)	Biological Reference Interval
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HEMATOLOGY

Hemoglobin Electrophoresis, HPLC

EDTA			
Foetal Haemoglobin (HbF)	<0.8	%	0.0 - 2.0
Haemoglobin A0 (Hb A0)	96.4	%	94.3 - 98.5
Haemoglobin A2 (HbA2)	2.2	%	0 - 3.5
Haemoglobin D (HbD)	0.00	%	0 - 0
Haemoglobin S (HbS)	0.00	%	0 - 0
Haemoglobin C (HbC)	0.00	%	0 - 0
Haemoglobin E (HbE)	0.00	%	0 - 0

Method: HPLC (High performance liquid chromatography), on whole blood.

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 and counseling is advised.
3. This test detects Beta thalassaemia and haemoglobinopathies. DNA analysis is recommended to rule out alpha⁰ 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, Megaloblastic⁰ 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.□
8. **Note : This report holds valid only if there is no history of blood transfusion in last 3-6 months**

Medical Remark :

This is a screening test. Prenatal Screening and DNA Studies advised for confirmation.

Impression No Evidence of Beta Thalassemia or Hemoglobinopathy.

****END OF REPORT****

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Age / Sex : 33 years / Female

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Dr. Shilpa Hastir
MBBS, MD (Pathology)
Gold Medalist