



Associate : AKR / 25
Name : PURABI SARKAR
Age / Gender : 25Y/FEMALE
ID Number : MSL/187035/B-8969
Referred By : DR. C. BHOWMICK,

Sample Type : O.S.S.
Received On : 09/02/2022
Reported On : 10/02/2022

HPLC OF HAEMOGLOBIN

(VARIANT BETA THALASSEMIA SHORT PROGRAMME, [BIO-RAD])

Hb F	0.4	%
P ₂	3.9	%
P ₃	5.4	%
Unknown1	0.0	%
Unknown2	0.1	%
Unknown3	1.0	%
Hb A	86.8	%
Hb A ₂	2.5	%
Hb S	Absent	
Hb D	Absent	
Hb C	Absent	

COMMENT : **Normal Pattern.**

Remarks : **1.** Normal sample- Hb A₂- 2.0% - 3.5% and Hb F is -0.0% - 2.0%.
2. Laboratories additionally need to check for red cell indices (MCV, MCH, MCHC, PCV) and also do tests that determine the iron status i.e. Serum Ferritin, Serum Iron / TIBC etc to rule out iron deficiency anemia and confirm the thalassemia status. Iron deficiency tends to reduce Hb A₂ and sometimes gives Hb A₂ values on the borderline. But those test results will not displayed in the thalassemia screening report format.

N.B. : Please note that prior blood transfusion and coexistent iron can change result.

***Please Photostat attached graph for permanent preservation**

End of Report




Dr. S. Saha
MD (Pathology)
Consultant Pathologist