Passport No :

LABORATORY TEST REPORT

Patient Information		Sample Information		Client/Location Information	
Name	: **Lyubochka Svetka**	**Lab Id**	: **02232160XXXX**	Client Name	: Sterling Accuris Buddy
Sex/Age	: **Male / 41 Y** 01-Feb-1982	Registration on	: 20-Feb-2023 09:10	Location	:
Ref. Id	:	Collected at	: non SAWPL	Approved on	: 20-Feb-2023 14:16 Status : Final
Ref. By	:	Collected on	: 20-Feb-2023 08:53	Printed On	: 28-Feb-2023 10:26
		Sample Type	: EDTA Blood	Process At	: 1. NRL SAWPL Gujarat Ahmedabad Paldi

HB Electrophoresis By HPLC

Instrument Name: BIORAD VARIANT - II Haemoglobin Testing System

Test	Result	Unit	Biological Ref. Interval
Hb A	L **84.4**	%	96.8 - 97.8
Hb A2	2.8	%	2.2 - 3.2
P2 Peak	5.5	%	
P3 Peak	5.2	%	
Foetal Hb	0.3	%	0.0 - 1.0
Interpretation	**Negative for typical beta thalassemia trait.**		

Interpretation:

- 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 month from last date of transfusion is recommended.
- In case of haemoglobinopathy, parents or family studies and councelling is advised.
- This test detects beta thalassaemia and haemoglobinopathies, DNA analysis is recommended to rule out alpha thalassaemia and silent carriers.
- Linearity range of HbF is 1-40%, However, values in excess of the reportable range have been provided for ease of interpretation.
- Mild to moderate increase in fetal haemoglobiin can be seen in some acquired condition like pregnancy, megaloblastic anaemia, Throtoxicosis, Hypoxia, Chronic kidney disease, Recovering marrow, MDS, Aplastic anaemia, PNH, Medications (Hydrocyurea, Erythropoietin) ect.
- P3 window-Above 10% is often indicative of either denatured froms of hemoglobins or may suggest a possibility of abnormal haemoglobin variant. Hence, repeat analysis with fresh sample or DNA studies is advised.
- P2 Window-Above 10% is indicative of either glycated haemoglonin requring correlation with diabetic staus or may suggest a possibility of abnormal haemoglobin variant further DNA studies for confirmation.

Dr. Hardik Modi
Hematopathologist (G-18097)

Dr. Sanjeev Shah
MD Path

Dr.Yash Shah
MD Path

This is an Electronically Authenticated Report.

Referred Test

Sterling Accuris Pathology Laboratory
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