



Platelet Surface Glycoprotein by Flow Cytometry,
Blood

Patient ID SA00141319	Patient Name ATLAS REPORT, ABNORMAL	Birth Date 1990-01-01	Gender F	Age 31
Order Number SA00141319	Client Order Number SA00141319	Ordering Physician CLIENT, CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 07 Jan 2021 08:00		

Platelet Glycoprotein Flow, B

Final Diagnosis

1 MCR

Platelet surface expression of CD41 (GPIIb) and CD61 (GPIIIa) are markedly decreased. This finding is suggestive for a variant of Glanzmann thrombasthenia. Recommend correlation with patient's clinical findings and results of platelet functional studies, and consider repeating platelet glycoprotein profile studies by flow cytometry to verify the present finding if clinically indicated.

The specimen received is satisfactory for quality analysis.

Reviewed by: SHANDA VOELTZ

ADDITIONAL INFORMATION

Antibodies to the following antigens were used for cell gating and interpretation: CD41, CD61, CD42a, CD42b, CD49b and GPVI.

GPIIb CD41

 0 %
Low

MCR

Reference Value
≥70%

GPIIIa CD61

 1 %
Low

MCR

Reference Value
≥70%

GPIX CD42a

142 %

MCR

Reference Value
≥70%

GPIb-alpha CD42b

153 %

MCR

Reference Value
≥70%

GPIa CD49b

122 %

MCR

Reference Value
≥60%

GPVI

133 %

MCR

Reference Value
≥70%

Received: 08 Jan 2021 14:04

Reported: 08 Jan 2021 15:33

Laboratory Notes

- 1 This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905	William G. Morice M.D. Ph.D	24D0404292