



Patient ID SA00149312	Patient Name TESTING, PTEM	Birth Date 1990-01-01	Gender M	Age 31
Order Number SA00149312	Client Order Number SA00149312	Ordering Physician CLIENT, CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 05 Nov 2021 06:45		

Platelet TEM, B

Interpretation

1 MCR

IMPRESSION:

Platelet transmission electron microscopy (PTEM) studies demonstrate essentially normal dense granules, alpha granules and other ultra-structures. No abnormal inclusions identified.

ELECTRON MICROSCOPIC DESCRIPTION:

PTEM studies are performed. The quality of the EM studies is adequate.

Whole mount PTEM study demonstrates essentially normal mean dense body count, 2.3 dense granules per platelet (100 platelets are counted; normal adult range is greater than or equal to 1.2 dense granules per platelet). There are no abnormal dense

granules identified. Note: Dense body count could be falsely low due to inadequate sample transportation or storage.

Thin section PTEM study demonstrates normal platelet ultra-structure with mild distortion of the platelet morphology, likely due to sample transportation or storage. There is no evidence of alpha granule deficiency, abnormal membranous inclusions or other abnormalities.

Reviewed by: SHANDA VOELTZ

Platelet TEM

MCR

Performed

Received: 05 Nov 2021 11:42

Reported: 05 Nov 2021 12:17

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