

Specimen Type:	Whole blood
Container:	Yellow top ACD Solution B tube Alternate tube: Yellow top ACD Solution A
Draw Volume:	6 mL (Minimum: 3 mL) blood
Processed Volume:	Same as Draw Volume
Collection:	Routine venipuncture
Special Processing:	Lab Staff: Do Not process. Submit specimen in its original container; do not aliquot. Maintain specimen at room temperature. Ship specimen overnight in an Ambient Mailer-Critical Specimens Only (MML Supply T668) with regular Mayo Courier. Include completed MML Platelet Esoteric Patient Information form. Send specimens Monday – Wednesday ONLY per Mayo.
Patient Preparation:	Fasting is preferred but not required.
Sample Rejection:	Specimen older than 72 hours; mislabeled or unlabeled specimens; frozen specimens; specimens collected in tubes other than ACD Solution B or A

Interpretive

Reference Range:	Interpretive report
Limitations:	Whole blood sample collected in an ACD tube should be stored and transported at room temperature. The sample is stable for 72 hours. Suboptimal transportation may cause falsely low dense granule counts.
Methodology:	Transmission Electron Microscopy
References:	PTEM - Overview: Platelet Transmission Electron Microscopic Study, Whole Blood (mayocliniclabs.com)

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