

Platelet Antibody Profile

Order Name: **PLT AB PROF**
Test Number: 5197174
Revision Date: 08/11/2025

TEST NAME	METHODOLOGY	LOINC CODE
HLA Class 1 Antibody	Solid-phase enzyme-linked immunoassay	48501-1
PLT IIb/IIIa Antibody	Solid-phase enzyme-linked immunoassay	48505-2
PLT Ib/IX Antibody	Solid-phase enzyme-linked immunoassay	48506-0
PLT Ia/Ila Antibody	Solid-phase enzyme-linked immunoassay	47084-9
Glycoprotein IV Antibody	Solid-phase enzyme-linked immunoassay	43302-9

SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	1 mL (0.5 mL)	Serum	Clot Activator (SST or Red No-Gel)	Frozen
Instructions	Specimen: 0.5mL Serum from SST or Red No Gel Clot Tube - Frozen Preferred. Storage Instructions: Refrigerate for up to 48 hours, freeze if longer storage is needed. Collection: Separate serum from red cells. Transfer serum to a plastic transport tube. Stability Requirements: Room Temperature n/a, Refrigerated 48 hours, Frozen >48 hours. Cause for Rejection: Hemolysis; serum not separated from cells			

GENERAL INFORMATION

Expected TAT	2-5 Days
Clinical Use	If a newborn child has a significantly low platelet count and the physician suspects neonatal alloimmune thrombocytopenia purpura (NAIT), a serum platelet antibody test should be ordered on both the mother and the child (patient). The work up for NAIT is best accomplished by not only evaluation for platelet reactive antibodies but also typing maternal and paternal platelet glycoproteins.
Performing Labcorp Test Code	117150
CPT Code(s)	86022
Lab Section	Reference Lab