

Ristocetin Platelet Aggregation (High and Low)

Order Name: **RIPA AGG**

Test Number: 1501930

Revision Date: 10/25/2023

TEST NAME	METHODOLOGY	LOINC CODE
Platelet Aggregation, Ristocetin High	Aggregation	5998-0
Platelet Aggregation, Ristocetin Low	Aggregation	
Platelet Count for Agglutination	Flow cytometry	777-3
Pathology Report		

SPECIMEN REQUIREMENTS				
Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	See Instructions	Whole Blood	Sodium Citrate 3.2% (Blue Top) and EDTA (Lavender Top)	Room Temperature
Instructions	<p><b>READ BEFORE COLLECTING SPECIMEN..!</b></p> <p><b>COLLECTIONS and TESTING MUST BE SCHEDULED with the lab at Ascension St. John Coagulation Department!</b> Please call the coagulation department to make testing arrangements: <b>(918) 744-2500 x15513.</b></p> <p><b>If OFF-SITE collection is Authorized by the Coagulations Department, the specimens must reach Ascension St. John Main Lab within 1 hour of collection and before 1pm.</b> If you cannot arrange for specimens to arrive in this time frame, Do Not Collect Specimen!</p> <p><b>Patient Must be fasting for at least 8 hours before collection.</b></p> <p><b>Collect Both:</b></p> <ul style="list-style-type: none"><li>- <b>Four</b> (2.7mL) <b>3.2% Sodium Citrate</b> - Blue top tubes</li><li>- <b>One</b> (4.5mL) <b>EDTA</b> - Lavender top tubes</li></ul> <p><b>Keep specimens whole blood (Do Not Spin) - Keep specimen at Room Temperature!</b></p> <p>Patient should refrain from aspirin, phenylbutazone, phenothiazines or antihistamines for 10 days prior to the test. Patient should have PLT count Greater than 75,000 for accuracy.</p>			

GENERAL INFORMATION	
Testing Schedule	Mon - Fri (7am - 1pm)
Expected TAT	1 Day
Clinical Use	Platelet aggregation studies are done to evaluate platelet function. This is a specialized test and would normally be performed in patients with some indicator of a qualitative platelet disorder.
CPT Code(s)	85576x2, 8557626
Lab Section	Coagulation