

**Reporting Title:** Serotonin Release Assay, UFH, MS, S**Performing Location:** Mayo Clinic Laboratories - Rochester Main Campus**Shipping Instructions:**

Specimen should be frozen if shipped or stored for longer than 48 hours.

**Specimen Requirements:****Patient Preparation:**

1. Fasting: 8 hours, preferred but not required; Collect during an episode of suspected heparin-induced thrombocytopenia
2. Patient should not be on ticagrelor (Brilinta) as this may interfere with the assay, yielding a false-negative result.

**Supplies:** Sarstedt Aliquot Tube, 5 mL (T914)**Collection Container/Tube:** Red top (serum gel/SST are **not** acceptable)**Submission Container/Tube:** Polypropylene plastic vial**Specimen Volume:** 1 mL**Collection Instructions:**

1. After collection, allow the specimen to sit for a minimum of 1 hour at ambient temperature to ensure it clots completely.
2. Centrifuge and aliquot serum into a plastic vial.

**Specimen Stability Information:** Frozen (preferred) 2 years/Refrigerate 7 days**Forms:**If not ordering electronically, complete, print, and send a [Coagulation Test Request](#) (T753) with the specimen.

Specimen Type	Temperature	Time	Special Container
Serum Red	Frozen (preferred)		
	Refrigerated	7 days	

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
616230	Low Heparin Serotonin Release	Numeric	%	50728-5
616231	High Heparin Serotonin Release	Numeric	%	50727-7
616232	Serotonin Release Assay Result	Alphanumeric		66488-8
616233	Interpretation	Alphanumeric		50733-5
616234	Comment	Alphanumeric		77202-0
616235	Disclaimer	Alphanumeric		62364-5

LOINC® and CPT codes are provided by the performing laboratory.

**Supplemental Report:**

No

## Test Definition: SRAU

Serotonin Release Assay, Unfractionated  
Heparin, Mass Spectrometry, Serum

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**CPT Code Information:**

82542

**Reference Values:**

Low Heparin Serotonin Release: <20%

High Heparin Serotonin Release: <20%

Serotonin Release Assay Result: Negative