

Reporting Title: Insulin, S**Performing Location:** Rochester**Ordering Guidance:**

Patients on insulin therapy may develop anti-insulin antibodies. These antibodies may interfere in the assay system, causing inaccurate results. In such individuals, measurement of free insulin INSFT / Insulin, Free and Total, Serum should be performed.

Specimen Requirements:

Patient Preparation:

1. Patient should be fasting.
2. For 12 hours before specimen collection do not take multivitamins or dietary supplements containing biotin (vitamin B7), which is commonly found in hair, skin, and nail supplements and multivitamins.

Supplies: Sarstedt 5 mL Aliquot Tube (T914)

Collection Container/Tube:

Preferred: Serum gel

Acceptable: Red top

Submission Container/Tube: Plastic vial

Specimen Volume: 1 mL

Collection Instructions:

1. Avoid hemolysis
2. Label specimens with corresponding collection times.
3. Centrifuge and aliquot serum into plastic vial within 2 hours of collection.

Additional Information: If multiple specimens are drawn, send separate order for each specimen.

Specimen Minimum Volume:

0.75 mL

Specimen Type	Temperature	Time	Special Container
Serum	Frozen (preferred)	180 days	
	Refrigerated	7 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
INS	Insulin, S	Numeric	mIU/mL	27873-9

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

83525

Reference Values:

2.6-24.9 mIU/mL

For SI unit Reference Values, see <https://www.mayocliniclabs.com/order-tests/si-unit-conversion.html>