

Reporting Title: Insulin, Free and Total, S**Performing Location:** Rochester**Specimen Requirements:**

Patient Preparation:

1. Fasting (8 hours)
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.

Collection Container/Tube:

Preferred: Serum gel

Acceptable: Red top

Submission Container/Tube: Plastic vial

Specimen Volume: 2.45 mL

Collection Instructions:

1. Avoid hemolysis
2. Label specimens with corresponding collection times.
3. Serum-gel tubes should be centrifuged within 2 hours of collection.
4. Red-top tubes should be centrifuged and aliquoted within 2 hours of collection.
5. Send specimen refrigerated

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

Specimen Minimum Volume:

0.75 mL

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	14 days	
	Frozen	180 days	
	Ambient	24 hours	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
INSF	Insulin, Free, S	Numeric	mIU/mL	6901-3
INSTO	Insulin, Total, S Also used by tests: INSTO	Numeric	mIU/mL	20448-7

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
INSF	Insulin, Free, S			Yes	No
INSTO	Insulin, Total, S			Yes	Yes (Order as INS)

CPT Code Information:

83527-Free Insulin

83525-Total Insulin

Reference Values:

FREE INSULIN:

3-25 mIU/mL

TOTAL INSULIN:

3-25 mIU/mL