

## Guselkumab, Serum

**Test ID:** GUS

**Useful for:**

Assessing the response to guselkumab therapy

Assessing the need for dose escalation

Evaluating the potential for dose de-escalation or discontinuation of therapy

Monitoring patients who need to be above a certain guselkumab concentration to improve the odds of a clinical response for therapy optimization

**Methods:**

Liquid Chromatography Mass Spectrometry (LC-MS)

**Reference Values:**

Lower limit of quantitation = 0.5 mcg/mL

**Specimen Requirements:**

**Supplies:** Sarstedt Aliquot Tube, 5 mL (T914)

**Container/Tube:**

**Preferred:** Serum gel

**Acceptable:** Red top

**Submission Container/Tube:** Plastic vial

**Specimen Volume:** 0.5 mL

**Collection Instructions:**

1. Draw blood immediately before next scheduled dose (trough specimen).
2. Within 2 hours of collection, centrifuge and aliquot serum into a plastic vial.

**Minimum Volume:** 0.25 mL

**Specimen Stability Information:**

Specimen Type	Temperature	Time
Serum	Refrigerated (preferred)	28 days
	Ambient	24 hours
	Frozen	28 days

**Cautions:**

Lipemic samples will be rejected.

**CPT Code:**

80299

**Day(s) Performed:** Wednesday

**Report Available:** 2 to 9 days

**Questions**

Contact Amy Ennis, Laboratory Resource Coordinator at 800-533-1710.