MAYO CLINIC LABORATORIES

Test Definition: USTEK

Ustekinumab Quantitation with Antibodies, Serum

Reporting Title: Ustekinumab QN with Antibodies, S
Performing Location: Rochester

Specimen Requirements:

Patient Preparation: Collect immediately before the next dose of drug administration (trough level)
Collection Container/Tube:
Preferred: Serum gel
Acceptable: Red top
Submission Container/Tube: Plastic vial
Specimen Volume: 0.5 mL
Collection Instructions: Centrifuge and aliquot serum into a plastic vial.

Forms:

If not ordering electronically, complete, print, and send 1 of the following with the specimen:
-Gastroenterology and Hepatology Test Request (T728)
-Therapeutics Test Request (T831)

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	21 days	
	Frozen	21 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
USQN	Ustekinumab QN, S	Numeric	mcg/mL	87408-1
USTAB	Ustekinumab Ab, S	Numeric	AU/mL	87409-9

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

Supplemental Report:

No

Components:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
USQN	Ustekinumab QN, S	1	80299	Yes	No
USTAB	Ustekinumab Ab, S	1	83520	Yes	No

CPT Code Information:

80299
83520

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Ustekinumab Quantitation with Antibodies, Serum

Reference Values:

USTEKINUMAB QN, S:
Limit of quantitation is 0.3 mcg/mL

In inflammatory bowel disease, at post-induction measurement (week 8), concentrations above 3.5 mcg/mL are associated with good outcomes.

For maintenance stages:
Concentrations > or =1.0 mcg/mL are associated with clinical response and clinical remission
Concentrations > or =4.5 mcg/mL are associated with mucosal healing

USTEKINUMAB AB, S:
Limit of quantitation is 10 AU/mL
Absent: <10 AU/mL
Present: > or =10 AU/mL