

Test Definition: COVSQ

Severe Acute Respiratory Syndrome
Coronavirus 2 (SARS-CoV-2), Spike Antibody,
Semi-Quantitative, Serum

Reporting Title: SARS-CoV-2 Spike Ab, Semi-Quant, S
Performing Location: Rochester

Ordering Guidance:

[This test will detect antibodies developed due to prior or current infection and will likely detect antibodies against spike glycoprotein of SARS-CoV-2 generated following vaccination. This test will not differentiate between the 2 events. The absence of antibodies in this assay does not rule out recent infection.](#)

For confirmation of prior infection in the presence of vaccination, order COVTA / Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-Cov-2), Nucleocapsid, Total Antibody, Serum.

Molecular testing is recommended for diagnosis of COVID-19 in symptomatic patients. For more information see COVOO / Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) RNA Detection, Varies.

For the most up-to-date coronavirus disease 2019 (COVID-19) epidemiology and testing recommendations, visit www.cdc.gov/coronavirus/2019-ncov/index.html.

Necessary Information:

- 1. Patient's race and ethnicity, as well as collection date, are required.
- 2. If ordering electronically, answers must be provided for the order entry questions.
- 3. If not ordering electronically, patient race and ethnicity must be provided on the request form.

Specimen Requirements:

Collection Container/Tube:

Preferred: Serum gel

Acceptable: Red top

Submission Container/Tube: Plastic vial

Specimen Volume: 1 mL

Collection Instructions: Centrifuge and aliquot serum into a plastic vial

Forms:

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	14 days	
	Frozen	28 days	
	Ambient	72 hours	

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
COVSQ	SRACE	Patient's Race:	Answer List	Yes

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		<ul style="list-style-type: none">American Indian or Alaska NativeAsianBlack or African AmericanNative Hawaiian/Other Pacific IslanderWhiteOther RaceRefused to AnswerUnknown		
COVSQ	SETHN	Patient's Ethnicity: <ul style="list-style-type: none">Hispanic or LatinoNot Hispanic or LatinoNot ObtainableRefusedAsked but UnknownUnknown	Answer List	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
SRACE	Patient's Race	Alphanumeric		72826-1
SETHN	Patient's Ethnicity	Alphanumeric		69490-1
COVIN	SARS-CoV-2 Spike Ab, Interp, S	Alphanumeric		94661-6
COVQN	SARS-CoV-2 Spike Ab, Quant, S	Numeric	U/mL	94769-7

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

Supplemental Report:

No

CPT Code Information:

86769

Reference Values:

An interpretative report will be provided.