



SARS-CORONAVIRUS (SARS-COV) ANTIBODY

Synonym(s): SARS Total Ab, SARS IgM Ab, SARS IgG Ab

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Lab Section Category	Virology Click here to find out more about the write-up (/clinical-departments-centers/pathology/pathology-handbook/lab-discipline-special-instructions/pages/virology.aspx).
Description	SARS-CoV IgM (anti-SARS IgM) SARS-CoV IgG (anti-SARS IgG) SARS-CoV Total Antibody (anti-SARS total)
Specimen Required	6 – 8 mL plain blood in acute infection; 3 – 5 mL plain blood to diagnose past infection. (a) To diagnose acute SARS, send acute sample for IgM and total antibody, and a second sample two to three weeks later for IgM, IgG and total antibody. (b) To diagnose past infection, send one sample for IgG antibody.
Storage and Transport	Refrigerate samples if delay in transporting to laboratory is anticipated. Do not freeze.

Method	Anti-SARS IgM: Immunofluorescence assay Anti-SARS IgG: Immunofluorescence assay Anti-SARS total: Enzyme Immunoassay
Test Result	Acute infection: SARS IgM positive and confirmed by ≥ 4 fold rise of total Ab titres in paired sera or IgG seroconversion. Past infection: SARS IgG positive
Turnaround Time	Anti-SARS IgM or IgG : <1 – 4 days Anti-SARS total : 3 – 8 days
Day(s) Test Set up	Anti-SARS IgM : Tuesday and Friday Anti-SARS IgG : Tuesday and Friday Anti-SARS total : Friday

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Change History Notes

- **17 May 2018 03:40 PM**
Changed TAT for Anti-SARS Total Antibody test to 3 - 8 days.

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