



MUMPS ANTIBODY

Synonym(s): Mumps IgG, Mumps IgM, Mumps Total 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	Mumps IgM or IgG Antibody (anti-Mumps IgM or IgG) Mumps CF Total Antibody (anti-Mumps total)
Specimen Required	3 – 5 mL plain blood. (a) To diagnose acute infection, send single acute sample for mumps IgM antibody and a second serum taken two weeks later for mumps CF total antibody on the pair. (b) To diagnose past infection, send single sample for mumps IgG antibody .
Storage and Transport	Refrigerate samples if delay in transporting to laboratory is anticipated. Do not freeze.
Method	Anti-Mumps IgM or IgG: Immunofluorescence assay Anti-Mumps total: Complement Fixation Test

Test Result	Acute infection: Acute serum positive for IgM Ab and/or paired sera showing ≥ 4 fold rise in CF Ab titres Past infection/Immunity: Presence of IgG Ab in the absence of specific IgM
Turnaround Time	Anti-Mumps IgM or IgG: <1 – 4 days Anti-Mumps Total: 1 – 6 days
Day(s) Test Set up	Anti-Mumps IgM or IgG: Tuesday and Friday Anti-Mumps Total: Tuesday and Thursday

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