



STREPTOCOCCUS PNEUMONIAE ANTIGEN TEST

Synonym(s):

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Lab Section Category	Bacteriology/Mycology/Parasitology - Bacteria Click here to find out more about the write-up (/Clinical-Departments-Centers/Pathology/Pathology-Handbook/Lab-Discipline-Special-Instructions/pages/bacteriology-mycology-parasitology.aspx).
Specimen Required	1 mL urine OR 1 mL CSF* (please see Remaks)
Method	Immunochromatographic test for <i>S. pneumoniae</i> antigen. Urine antigen test for <i>S. pneumoniae</i> pneumonia. CSF antigen test for <i>S. pneumoniae</i> meningitis.
Test Result	Positive for pneumococcal antigen; Negative for pneumococcal antigen. Infection due to <i>S. pneumoniae</i> cannot be ruled out since the antigen present in the sample may be below the detection limit of the test.
Turnaround Time	1 day
Day(s) Test Set up	Monday - Saturday
Remarks	The immunochromatographic test for CSF depends on the presence of a detectable level of antigen in the CSF, and therefore only supplements culture procedures. It is a laboratory requirement that a CSF bacterial culture be done every time antigen detection test is ordered. Please ensure that a CSF culture order is placed concurrently with a CSF antigen detection order, and that sufficient CSF sample is provided for both tests (at least 2 mL CSF in total).

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