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PNEUMONIA MULTIPLEX PCR

Synonym(s): Mycoplasma pneumoniae, Chlamydomphila pneumoniae, Chlamydia pneumoniae, Legionella pneumophila, Bordetella pertussis, Bordetella parapertussis, Atypical pneumonia

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Lab Section Category	Molecular Diagnostics - Microbiology Click here to find out more about the write-up (/clinical-departments-centers/pathology/pathology-handbook/lab-discipline-special-instructions/pages/moleculardiagnosics.aspx).
Indications	For detection of <i>Chlamydomphila</i> (formerly <i>Chlamydia</i>) <i>pneumoniae</i> DNA, <i>Mycoplasma pneumoniae</i> DNA, <i>Legionella pneumophila</i> DNA, <i>Bordetella pertussis</i> DNA and <i>Bordetella parapertussis</i> DNA which cause community-acquired atypical pneumonia.
Specimen Required	(a) Sputum, nasopharyngeal aspirate or endo-tracheal tube aspirate: At least 1 mL of undiluted sample in a sterile leak-proof screw-capped container. (b) Throat swab or tracheal swab: Use only Dacron-tipped swab. Send dry in sterile container or swab sheath. Sputum is the preferred sample compared to throat swab.
Storage and Transport	Refrigerate sample until transfer to laboratory. Do not freeze. Send sample at 2 - 8°C (with an ice-pack). Sample must reach the laboratory within 24 hours after collection.
Method	Multiplex Real-time Polymerase Chain Reaction using Seegene Anyplex™ II RB5 Detection Kit
Test Result	Detected, Not Detected or Inconclusive



Turnaround Time	1 - 4 days
Day(s) Test Set up	Variable

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Change History Notes

- **15 Nov 2013 06:30 PM**

Indications: Indications has been last updated on 15/11/13.

Method: Method has been last updated on 15/11/13.

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