Respiratory Pathogen Testing by PCR

Dorevitch Pathology extends its Respiratory PCR Panel providing greater capacity in identifying common respiratory pathogens!

Respiratory tract infections are one of the most common reasons for visiting a doctor and can result in inappropriate prescription of antibiotics. In the young, the elderly and those with compromised immune, cardiac or pulmonary status, the chances of an infection leading to serious illness are the greatest.

PCR testing not only enables you to identify organisms which cannot be cultured, but will give a much faster time to result than standard methods. It is very sensitive and highly specific.

Dorevitch Pathology has chosen the most clinically relevant respiratory viruses to be part of its highly sensitive and specific Respiratory PCR panels, giving the best possible coverage to your patient, and thus the best outcome for them. The Standard and extended Respiratory Panels detect the 10 most frequent respiratory pathogens, and the Atypical panel gives added peace of mind when looking for pathogens causing Atypical pneumonia.

### Standard Respiratory Panel (request FLU or RSV)
- Influenza A*
- Influenza B
- RSV (A & B)
- Human Parainfluenza 1, 2, 3 & 4

### Extended Respiratory Panel (request RESPIRATORY VIRUS SCREEN) – Includes Standard Panel
- Human Metapneumovirus
- Rhinovirus
- Enterovirus
- Human Adenovirus

### Atypical Respiratory Panel (request ATYPICAL RESPIRATORY PCR)
- *Legionella* spp. and *pneumophilia*
- *Mycoplasma pneumoniae*
- *Chlamydia pneumoniae*

### Bordetella Panel (request PERTUSSIS PCR)
- *Bordetella pertussis*
- *Bordetella parapertussis*

### Samples Required
- Nose/throat or nasopharyngeal swab
- Nasopharyngeal/tracheal aspirate

### Turn Around Time
- Daily, 7 days per week during flu season

### Cost
- Medicare Bulk Billing is Available

*This assay detects all H subtypes; if testing for a specific subtype is required based on patient’s epidemiological history, please contact the Clinical Microbiologist to discuss.

For more information contact the Dorevitch Pathology Microbiology/Infectious Disease Physician Team on 9244 0339

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