

Key Benefits:

- Reduce unnecessary antibiotic use
- Increase patient satisfaction
- Decrease time to optimal therapy
- Reduce cost associated with unnecessary prescriptions and urgent care visits

Key Statistics:

- · Viral Respiratory Infections cost our healthcare system \$40 billion annually.1
- · Influenza and pneumonia are the eighth leading cause of mortality among adults in the United States and result in more than 60,000 deaths annually.2
- PCR-based testing for community-acquired pneumonia increases pathogen detection rates upwards of 86% (compared to 30-40%).2

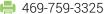
Magnolia Respiratory **Panel Pathogens:**

- Influenza A
- Influenza B
- Human rhinovirus
- Human adenovirus
- RSV A/B
- Enterovirus
- Coronavirus NL63
- Coronavirus 229E
- Coronavirus OC43
- Parainfluenza 1
- Parainfluenza 2 Parainfluenza 3
- Parainfluenza 4
- Metapneumovirus A/B

- Bocavirus
- Mycoplasma pneumoniae
- Chlamydophila pneumoniae
- Streptococcus pneumoniae
- Staphylococcus aureus
- Klebsiella pneumoniae
- Legionella pneumophila/ longbeachae
- Salmonella spp.
- Moraxella catarrhalis
- Bordetella spp.
- Haemophilus influenzae
- Haemophilus influenzae B
- Fendrick A. et al. (2003) The Economic Burden of Non-Influenza-Related Viral Respiratory Tract Infection in the United States. Arch Intern Med 163(4):487-94.
- 2. Kaysin A, Viera AJ. Community-Acquired Pneumonia in Adults: Diagnosis and Management. AAFP Home. https://www.aafp.org/afp/2016/1101/p698.html. Published November 1, 2016. Accessed January 1, 2019.



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