

Antibiotic Stewardship

- Each year in the US, 2 million people acquire serious bacterial infections that are resistant to one or more prescribed antibiotics, and at least 23,000 people die as a direct result of these antibiotic-resistant infections.
- An estimated 55% of antibiotic prescriptions for Acute Respiratory Tract Infections are unnecessary.
- The misuse of antibiotics costs the US healthcare system over \$20 billion each year.

Implications of Antibiotic Resistance

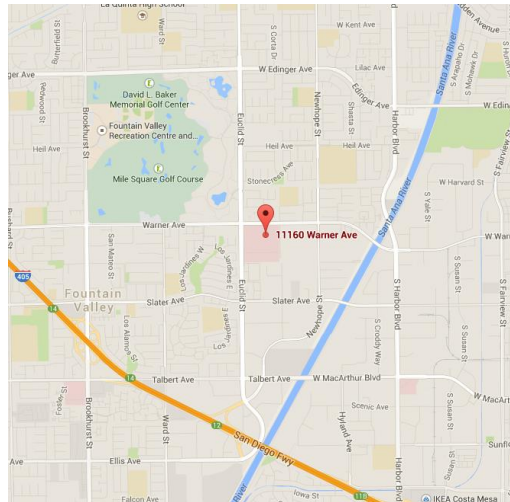
- Increases mortality and morbidity from untreatable diseases.
- Increases risk of global spread of pathogens.
- Results in longer, more frequent hospital stays.
- Limits drug options at a time when pharmaceutical companies are developing fewer new antimicrobials.
- Increases cost of research for new drugs.

Who We Are About Us

Lab Genomics, LLC, was cultivated with the ideal in mind of providing state of the art molecular genetic testing with the end goal of the best quality of life possible for the patient.

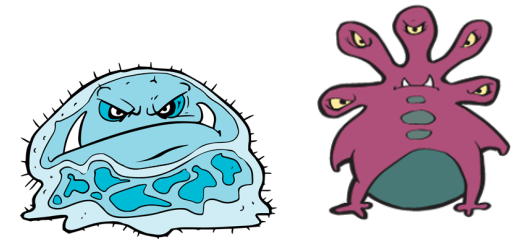
Our goal is to provide cutting edge diagnoses giving physicians and patients the best tools and education for health care decisions. Ultimately having physicians and patients proactive in maintaining one's health.

Questions? Contact Us



LAB GENOMICS, LLC
11160 Warner Ave
Fountain Valley, CA 92708
Phone: (714) 438-1009
Fax: (714) 438-2484
Web: www.labgenomic.com

Respiratory Panel (RP) Rapid Molecular Diagnostic Test




Results in 24 hours
FDA cleared
Covered by Medicare
and most insurances



Interpretation of the Respiratory Panel Report

Physicians receive an easy to read

“Detected” or “Not Detected” result for each pathogen.

	
<small>11380 Warner Ave Suite 4015 Boulder Valley, CO 80506 Phone: (744) 438-0299 Fax: (744) 438-2484 CLIA #02020012</small>	
Patient:	DOB:
Accession #:	Gender:
Specimen:	Order Date:
Ordered By:	Report Generated:
RESPIRATORY PANEL	
Viruses	
Adenovirus	Not Detected
Coronavirus 229E	Not Detected
Coronavirus HKU1	Not Detected
Coronavirus NL63	Not Detected
Coronavirus OC43	Not Detected
Human Metapneumovirus	Not Detected
Human Rhinovirus/Enterovirus	Not Detected
Influenza A	Not Detected
Influenza B	Not Detected
Parainfluenza Virus 1	Not Detected
Parainfluenza Virus 2	Not Detected
Parainfluenza Virus 3	Not Detected
Parainfluenza Virus 4	Not Detected
Respiratory Syncytial Virus	Not Detected
Bacteria	
Bordetella pertussis	Not Detected
Chlamydia pneumoniae	Not Detected
Mycoplasma pneumoniae	Not Detected

Upper Respiratory Tract Infections (URTI)

Quick Facts

- Estimated economic impact of non-influenza related URTIs is \$40 Billion annually in the US.
- Adults average 2-5 upper respiratory tract infections each year while children average 7-10 upper respiratory tract infections a year.

Overlapping Signs and Symptoms:

Coughing	Nasal Discharge
Congestion	Fever Wheezing
Headache	Myalgia

Comprehensive, Accurate, and Fast Results

- Improve patient management.
- Prevent secondary spread of infection.
- Prevent the use of unnecessary antibiotics.
- Provide more timely and effective treatment.
- May lead to shorter hospital stays.

20 Respiratory Panel Pathogens

Viral Targets

Adenovirus
Coronavirus HKU1
Coronavirus NL63
Coronavirus 229E
Coronavirus OC43
Human Metapneumovirus
Human Rhinovirus/Enterovirus
Influenza A
Influenza A/H1
Influenza A/H3
Influenza A/H1-2009
Influenza B
Parainfluenza Virus 1
Parainfluenza Virus 2
Parainfluenza Virus 3
Parainfluenza Virus 4
Respiratory Syncytial Virus

Bacterial Targets

Bordetella pertussis
Chlamydia pneumoniae
Mycoplasma pneumoniae

