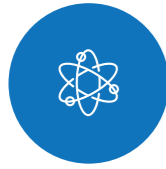


Advantages



Wide Coverage

Detect up to 40+ pathogens.



Rapid Detection

Test time within 2 hours.



Lyophilized Package

Suitable for long transportation.



Reliable Results

Internal control can make the results more reliable.



Accept Customization

Customize pathogen combinations as needed.



Simple Operation

Automated extraction & Intelligent result analysis.

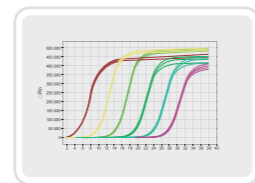
Clinical Significance

- ✔ Rapid and accurate identification of respiratory infection pathogens, providing the basis for clinical diagnosis and treatment.

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- ✔ Comprehensive coverage of common pathogens of respiratory tract infections, assisting in the diagnosis of clinical conditions and providing guidance for the selection of initial treatment programs and medication administration.

Test Procedure



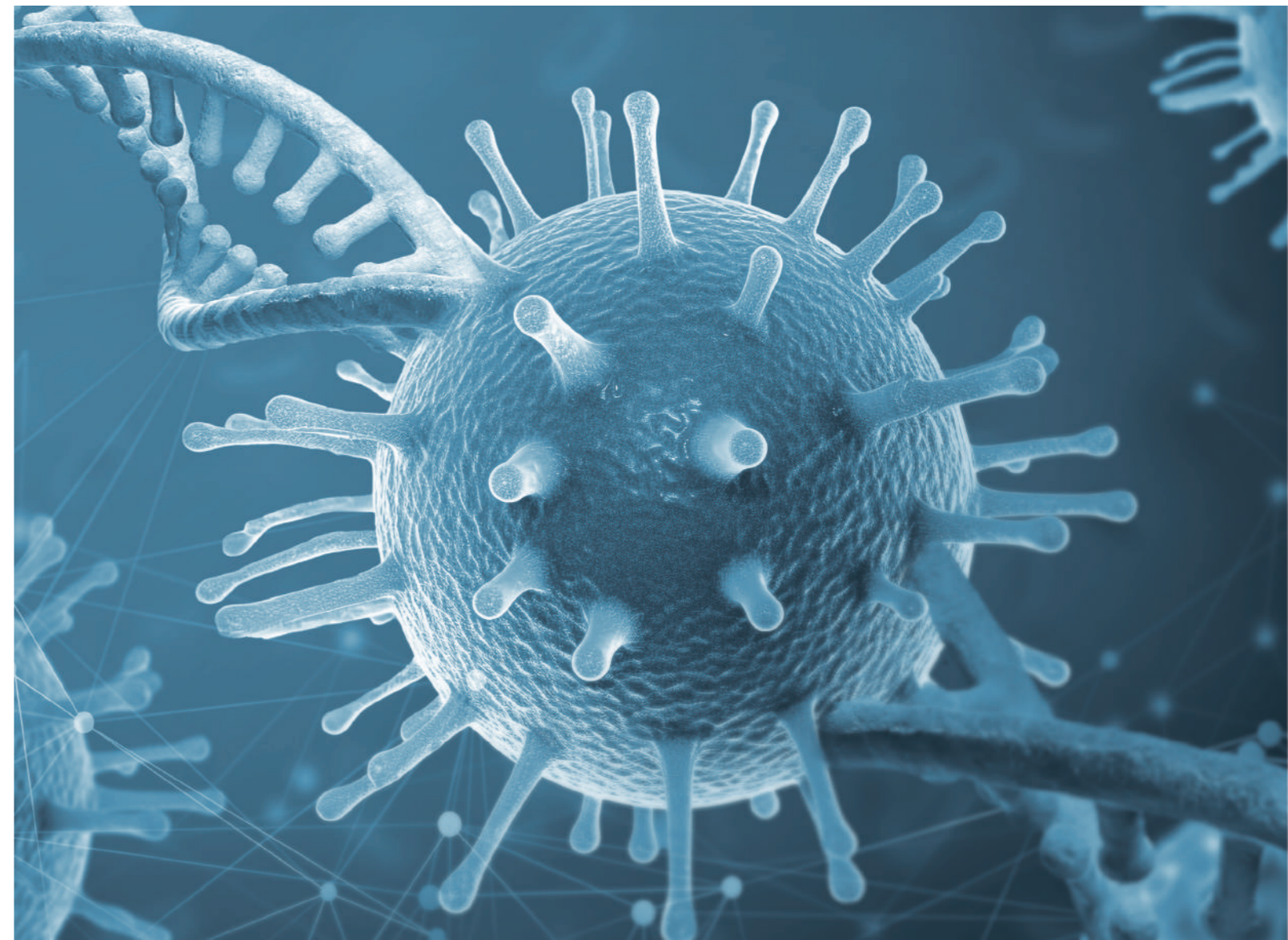
Nucleic acid extraction

qPCR instrument detection

Result analysis

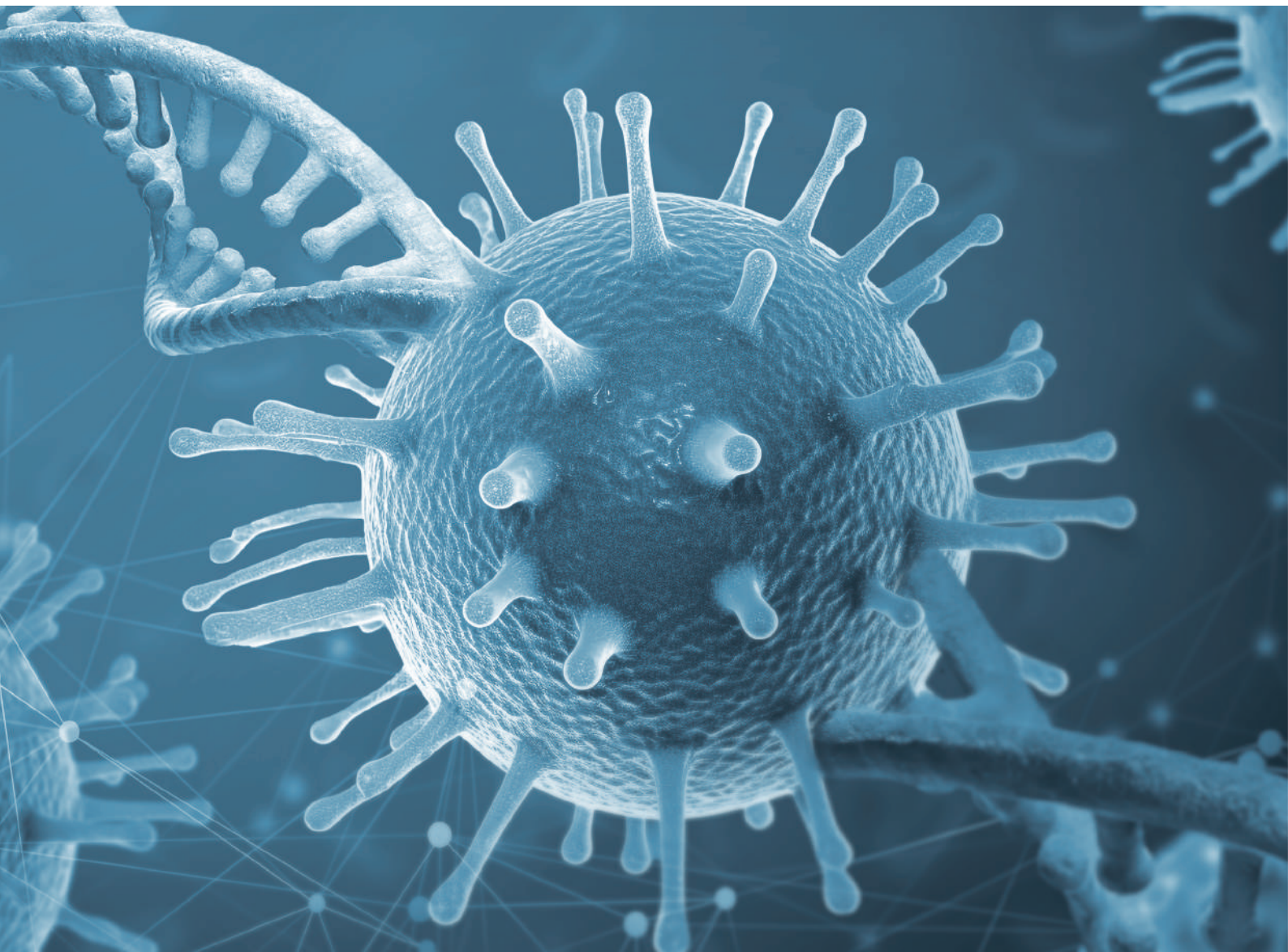
# Meta PCR

# Multiple Respiratory Pathogens Detection Kit

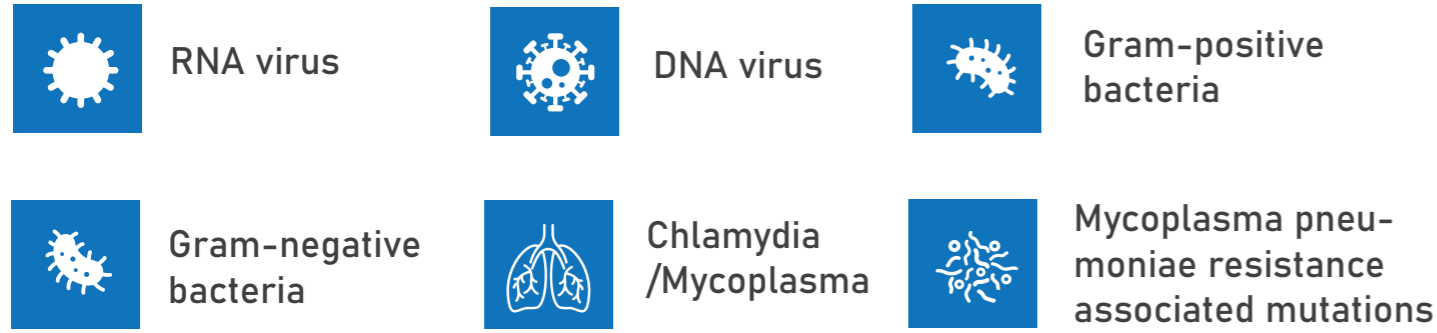


# Meta PCR

## Multiple Respiratory Pathogens Detection Kit



## Pathogens Types



## Sample types

Throat swabs, nasal swabs, sputum and alveolar lavage fluid samples.

## Product Series

### Panel 1: Detect 17 Pathogens (CE)

SARS-CoV-2	Respiratory syncytial virus	Enterovirus
Epstein-Barr virus	Mycoplasma pneumoniae	Influenza A virus
Human metapneumovirus	Adenovirus 3	Bocavirus
Human Coronavirus (229E, HKU1, NL63, OC43)	Human parainfluenza virus	Adenovirus 7
Rhinovirus	Adenovirus	Influenza B virus
<i>Legionella pneumophila</i>	<i>Bordetella pertussis</i>	

### Panel 2: Detect 19 Pathogens (RUO)

Influenza A virus	Influenza A virus H1N1 2009	Influenza B virus
Human Coronavirus (229E, HKU1, NL63, OC43)	Human enterovirus	Human parainfluenza virus
Human respiratory syncytial virus	Human bocavirus	Human adenovirus
Human metapneumovirus	Rhinovirus	<i>Streptococcus pneumoniae</i>
<i>Corynebacterium diphtheriae</i>	<i>Haemophilus influenzae</i>	<i>Bordetella pertussis</i>
<i>Chlamydia pneumoniae</i>	<i>Chlamydia trachomatis</i>	<i>Chlamydia psittaci</i>
<i>Legionella pneumophila</i>		

### Panel 3: Detect 40+ Pathogens (RUO)

RNA virus			
Influenza A virus	Influenza A virus H1N1 2009	Influenza B virus	Human metapneumovirus
Rhinovirus	Human enterovirus	Enterovirus D68	Enterovirus A71
Human parainfluenza virus	Human respiratory syncytial virus	Rubella virus	Measles virus
Mumps orthorubulavirus	Human Coronavirus (229E, HKU1, NL63, OC43)		
DNA virus			
Human bocavirus	Parvovirus B19	Human adenovirus	Human alphaherpesvirus 1
Human alphaherpesvirus 2	Human betaherpesvirus 5		
Gram-positive bacteria			
<i>Staphylococcus aureus</i>	<i>Streptococcus pneumoniae</i>	<i>Streptococcus pyogenes</i>	<i>Streptococcus agalactiae</i>
<i>Streptococcus anginosus</i>	<i>Streptococcus intermedius</i>	<i>Streptococcus dysgalactiae</i>	<i>Corynebacterium diphtheriae</i>
<i>Arcanobacterium haemolyticum</i>			
Gram-negative bacteria			
<i>Moraxella catarrhalis</i>	<i>Haemophilus influenzae</i>	<i>Bordetella pertussis</i>	<i>Neisseria meningitidis</i>
<i>Neisseria gonorrhoeae</i>	<i>Fusobacterium necrophorum</i>	<i>Legionella pneumophila</i>	
Chlamydia/Mycoplasma			
<i>Mycoplasma pneumoniae</i>	<i>Chlamydia pneumoniae</i>	<i>Chlamydia trachomatis</i>	<i>Chlamydia psittaci</i>
Mycoplasma pneumoniae resistance associated mutations			
Mycoplasma pneumoniae 23S rRNA gene A2063G		Mycoplasma pneumoniae 23S rRNA gene A2067G	
Mycoplasma pneumoniae 23S rRNA gene A2064G		Mycoplasma pneumoniae 23S rRNA gene C2617G	



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## Panel 3: Detect 40+ Pathogens (RUO)

### RNA virus

Influenza A virus	Influenza A virus H1N1 2009	Influenza B virus	Human metapneumovirus
Rhinovirus	Human enterovirus	Enterovirus D68	Enterovirus A71
Human parainfluenza virus	Human respiratory syncytial virus	Rubella virus	Measles virus
Mumps orthorubulavirus	Human Coronavirus (229E, HKU1, NL63, OC43)		

### DNA virus

Human bocavirus	Parvovirus B19	Human adenovirus	Human alphaherpesvirus 1
Human alphaherpesvirus 2	Human betaherpesvirus 5		

### Gram-positive bacteria

<i>Staphylococcus aureus</i>	<i>Streptococcus pneumoniae</i>	<i>Streptococcus pyogenes</i>	<i>Streptococcus agalactiae</i>
<i>Streptococcus anginosus</i>	<i>Streptococcus intermedius</i>	<i>Streptococcus dysgalactiae</i>	<i>Corynebacterium diphtheriae</i>
<i>Arcanobacterium haemolyticum</i>			

### Gram-negative bacteria

<i>Moraxella catarrhalis</i>	<i>Haemophilus influenzae</i>	<i>Bordetella pertussis</i>	<i>Neisseria meningitidis</i>
<i>Neisseria gonorrhoeae</i>	<i>Fusobacterium necrophorum</i>	<i>Legionella pneumophila</i>	

### Chlamydia/Mycoplasma

<i>Mycoplasma pneumoniae</i>	<i>Chlamydia pneumoniae</i>	<i>Chlamydia trachomatis</i>	<i>Chlamydia psittaci</i>
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### Mycoplasma pneumoniae resistance associated mutations

Mycoplasma pneumoniae 23S rRNA gene A2063G	Mycoplasma pneumoniae 23S rRNA gene A2067G
Mycoplasma pneumoniae 23S rRNA gene A2064G	Mycoplasma pneumoniae 23S rRNA gene C2617G

