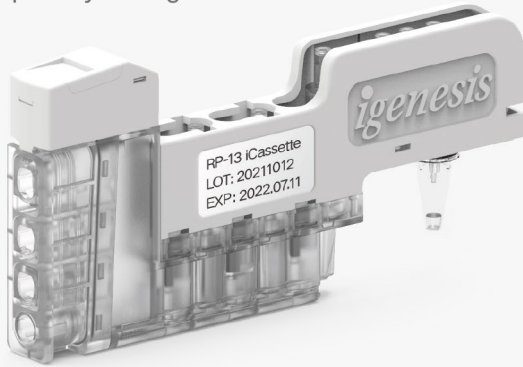


# POCT Molecular Diagnostic Reagents\* For 13 Respiratory Pathogens Detection

## Multiplex PCR with melting curve analysis

13 Respiratory Pathogens iCassette



## Sample in Results out

Sample Type: throat swab

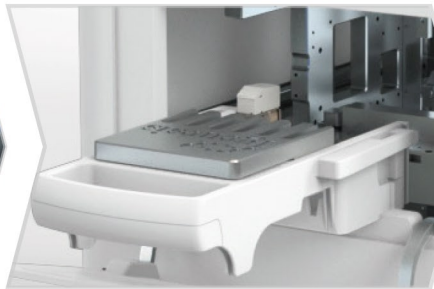
- 1 Preloaded reagents in iCassette
- 2 Minimal hands-on time
- 3 Multiplex PCR with 14 targets detection
- 4 Internal control monitoring the entire process
- 5 Turnaround time with in 2.5 hours

Respiratory Pathogen iCassette for 10 virus and 3 bacteria detected can be used with Galaxy instruments (Galaxy Lite/ Galaxy Pro) intelligently complete the entire process of nucleic acid extraction, amplification, QPCR, and melting curve analysis within 2.5 hours, truly realizing integrated, fully enclosed nucleic acid detection.

### 3 Simple Steps To Get Test Results



Load the sample into the iCassette



Put the iCassette into the instrument



Auto run to receive test results

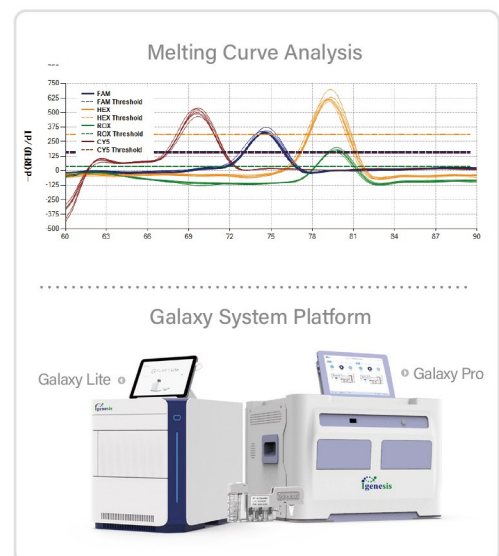
### Target for 13 Respiratory Pathogens

#### VIRUS:

- Influenza A
- Influenza B
- Adenovirus
- Coronavirus
- SARS-CoV-2 (2019-nCoV)
- Human Metapneumovirus
- Human Rhinovirus
- Parainfluenza Virus
- Respiratory Syncytial Virus
- Boca virus

#### BACTERIA:

- *Bordetella parapertussis*
- *Bordetella pertussis*
- *Mycoplasma pneumoniae*



\* Detection reagents belong to King Create Biotechnology