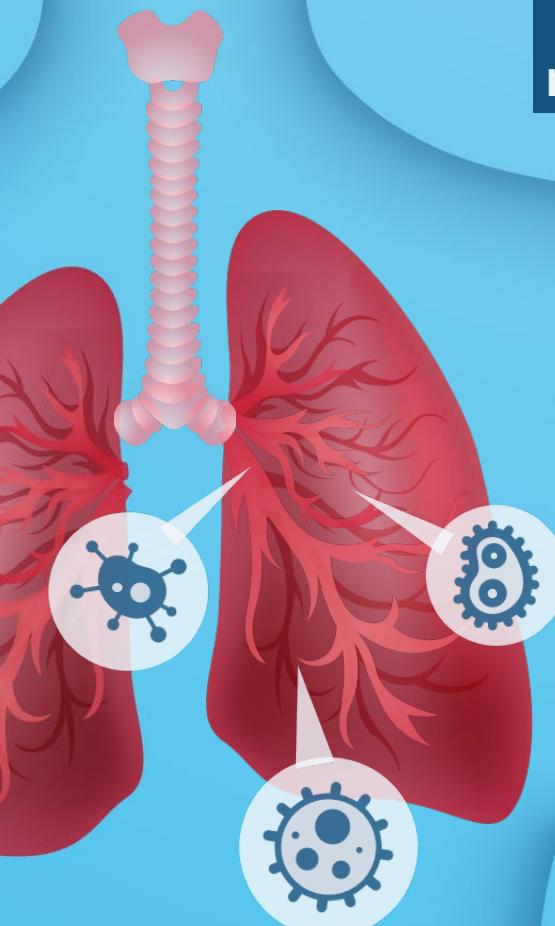LEXIGENBIO

Respiratory Pathogen Solution

Achieve precise multiplex detection of respiratory pathogens in as fast as 12.5 hr.

Reliable — Comprehensive control of background contamination of pathogenic microorganisms throughout the entire process

Simple — library co-preparation in a single process for mixed RNA & DNA nucleic acids

Compatible — 768 unique dual index combinations, compatible with dual sequencing platforms

Accurate — LeXso-groundbreaking ultra-sensitive and rapid hybrid capture technology

Diverse — Broad-spectrum coverage of various respiratory pathogens for epidemiological surveillance

Stable — Ensures efficient capture for mini panel and reduces rework risk

Automated — Suitable for fully automated NGS workstation for plug-and-play use

Practical — XCapViz Bioinformatics Analysis Visual System automatically generates reports

Secure — Integrated wet and dry lab processes ensure secure data management

LeXso RP Panel

Specifically designed to target the characteristic genes in the genomes of hundreds of respiratory pathogens.

Covers over 99% of respiratory infection pathogens monitored in epidemiological surveillance.

Multiplex Pathogen Detection

Simultaneous detection of multiple pathogens: bacteria, viruses, fungi, mycoplasma, and chlamydia.

Precise Identification and Typing

Identification of 232 subtypes, including adenovirus, rhinovirus, parainfluenza virus, enterovirus etc.

Influenza A Virus Variants Tracking

Probes designed for the whole coding genes of the major 16 HA subtypes and 9 NA subtypes.

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LEXIGENBIO