

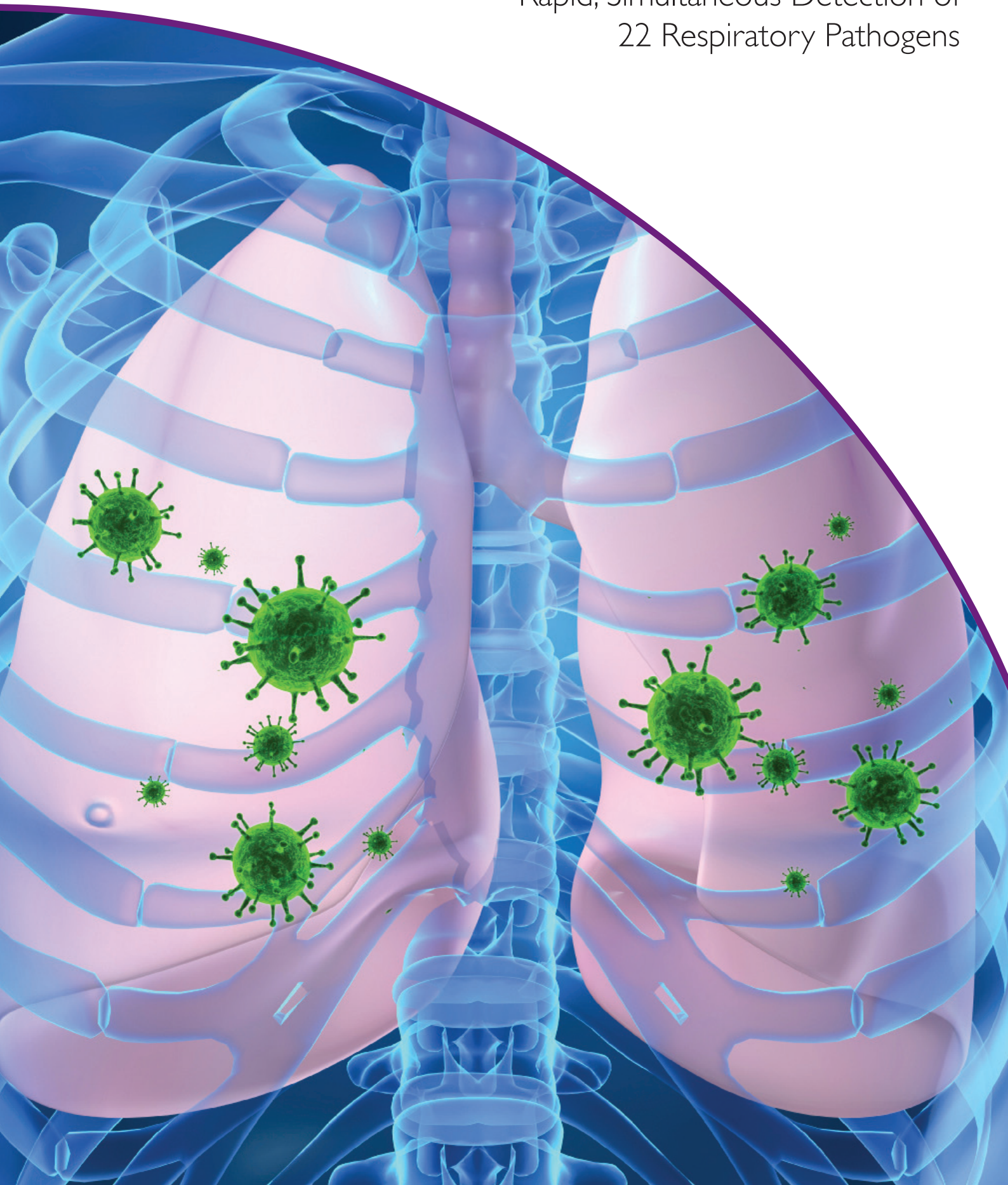


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Respiratory Pathogen Array

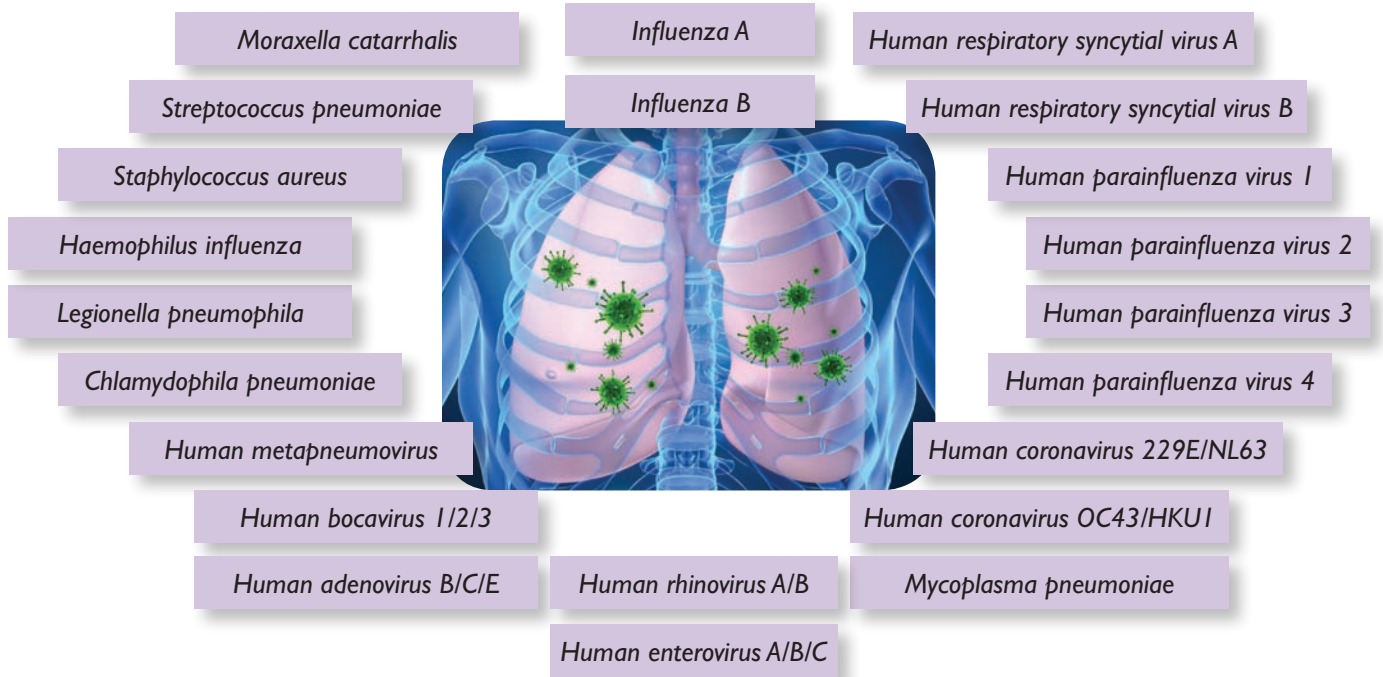
Rapid, Simultaneous Detection of
22 Respiratory Pathogens



Rapid, Simultaneous Detection of 22 Respiratory Pathogens

The Respiratory Pathogen Array provides rapid, high sensitivity detection of 22 bacterial and viral respiratory pathogens simultaneously. Advancement in established Biochip Array Technology has enabled the consolidation of proteomic and genomic analysis onto one platform. As a result, specialised Polymerase Chain Reaction (PCR) coupled with Biochip Array Technology enables rapid multiplexing of 22 pathogens from a single patient sample.

Respiratory Pathogen Array detects the following 22 bacterial and viral pathogens



Benefits of the Respiratory Pathogen Array

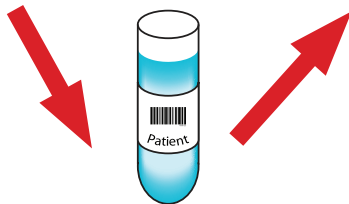
- Simultaneous detection of 22 pathogens from a single sample saving time and cost associated with single analyte testing
- Viral and bacterial infections detected saving time on duplicate testing
- Increased specificity through biochip hybridisation
- Spatial separation on biochips provides very clear diagnosis
- Easy to use rapid assay – 22 results in less than 2 hours
- Quantitative biochips, so primary infection can be identified
- Complete profile of pathogens identifies secondary or multiple infections
- Prevents spread of infection through early intervention and faster more appropriate treatment
- Reduces antibiotic misuse
- A combined test is more efficient in terms of manpower, time, reagents and clinical waste
- Highly specialised and specific testing
- Reduced sample requirements

The Randox Respiratory Pathogen Array enables rapid, comprehensive screening of a wide range of potentially life threatening infectious respiratory pathogens. Providing cost effective, efficient multiplex testing the respiratory pathogen array offers complete consolidation on one platform.

Straight forward testing on one platform



Sample collection



Single Tube Multiplex

Carrier with 9 biochips
Each biochip can detect all
22 Respiratory Pathogens



PCR reaction loaded
onto biochip



The semi-automated Evidence Investigator is a sophisticated biochip system designed for research, clinical, forensic and veterinary applications. Utilising the revolutionary multiplexing Biochip Array Technology, the Evidence Investigator will bring quality and efficient testing to your laboratory.

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