

# RANDEX

## BORDETELLA RAPID TEST

Detection of *B. pertussis*, *B. parapertussis*, *B. holmesii*

*Bordetella pertussis* is a gram-negative bacterium that causes acute respiratory infection called pertussis or whooping cough. Another cause of whooping cough or mild like symptoms can be caused by *Bordetella bronchiseptica*, *Bordetella holmesii* and *Bordetella parapertussis*.

Transmission of *Bordetella* infection is via droplet infection. Various methods are available for laboratory diagnosis- real-time PCR, culture, and serology.

Real-time PCR allows a rapid, sensitive, and specific detections up to 4 weeks after symptoms occur.

Detection Method: Real-Time PCR

Result Time: 47 minutes

Sample Volume: 300µl

Sample Type: Nasopharyngeal swab sample or aspirates

### DETECTABLE BACTERIA

*B. pertussis*

*B. parapertussis*

*B. holmesii*



# RANDOX

## VIVALYTIC

### Cartridge Based Testing Platform

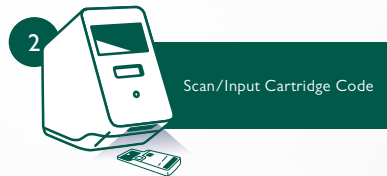
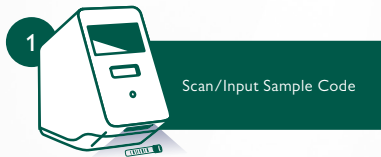
The Bordtella rapid test on Vivalytic offered by Bosch, a point of care platform brought to the market by Randox Laboratories. The Vivalytic system is a fully automated, cartridge-based platform capable of both High-Plex and Low-Plex patient testing. Each easy-to-use cartridge contains all necessary reagents, is a closed system to minimise risk and can be conveniently stored at room temperature.

#### Vivalytic Key Features:

- Cartridge based platform
- Fully-automated
- Suitable for both non-laboratory & laboratory settings
- Small footprint device
- Rapid turnaround from sample entry to results

## VIVALYTIC WORKFLOW

### 4 Easy Steps for Optimised Workflow



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