



"Ready & Easy-to-use" kits.
Lyophilised product



Transport and storage at room temperature.
Shelf-life: 24 months



Validated according to ISO 13485
and CE marked

RSV A+B

- ▶ **Human respiratory syncytial viruses (RSV)** belong to the Paramyxoviridae family and are the most important viral agents of acute respiratory infections. RSV is divided into two major groups, A and B, based on antigenic and genomic differences. Respiratory syncytial virus is a **common contributor of respiratory infections causing bronchitis, pneumonia, and chronic obstructive pulmonary infections** in people of all ages. But it mainly affects children, elderly and immunocompromised individuals along with other viral infections leading to high mortality and morbidity. People often feel some or all of these symptoms: rhinorrhea, lowgrade fever, cough, sore throat, headache, and wheezing.

RSV is transmitted via large nasopharyngeal secretion droplets from infected individuals. These droplets enter via the mucus membranes of the eyes, nose and mouth following close contact, or selfinoculation after touching contaminated surfaces.

- ▶ Diagnosis can be problematic, as a wide range of pathogens can cause acute respiratory infections presenting with similar clinical syndromes. RSV is known to be a very labile virus and except in infection of children, the titre of infectious particles is low. **Therefore Real Time PCR is the preferred method of diagnostic testing for RSV considering that it is one of the most sensitive and specific diagnostic tool.**
- ▶ **VIASURE RSV A+B Real Time PCR Detection Kit** is designed for the diagnosis of RSV A and/or B in respiratory samples.

RSV A+B

VIASURE RSV A+B Real Time PCR Detection Kit is designed for specific identification and differentiation of Human Respiratory Syncytial Virus type A and/or B (RSV A and/or B) in respiratory samples from patients with signs and symptoms of respiratory infection.

This test is intended for use as an aid in the diagnosis of RSV A and/or B in combination with clinical and epidemiological risk factors.

RNA is extracted from specimens, amplified using RT-PCR and detected using fluorescent reporter dye probes specific for RSV A and B.

► Analytical sensitivity

VIASURE RSV A+B Real Time PCR Detection Kit has a detection limit of ≥ 10 RNA copies per reaction for RVA and RVB (Figure 1 and 2).

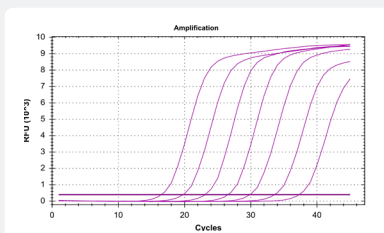


Figure 1.

Dilution series of RSV A (10^7 - 10^1 copies/rxn) template run on the Bio-Rad CFX96 Touch™ Real-Time PCR Detection System (Cy5 channel).

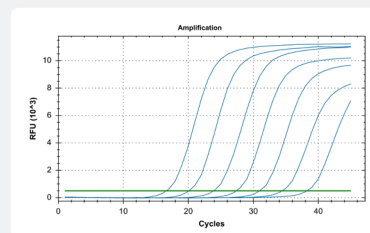


Figure 2.

Dilution series of RSV B (10^7 - 10^1 copies/rxn) template run on the Bio-Rad CFX96 Touch™ Real-Time PCR Detection System (FAM channel).

► References - VIASURE RSV A+B Real Time PCR Detection Kit

6 x 8-well strips, low profile VS-RSV106L
12 x 8-well strips, low profile VS-RSV112L
96-well plate, low profile VS-RSV113L
9 x 4-well strips, Rotor-Gene® VS-RSV136

6 x 8-well strips, high profile VS-RSV106H
12 x 8-well strips, high profile VS-RSV112H
96-well plate, high profile VS-RSV113H
18 x 4-well strips, Rotor-Gene® VS-RSV172

For more information and use procedure, read the instructions for use included in this product.