



Respiratory Syncytial Virus Type A / Type B Nucleic Acid Detection Kit (Fluorescent RT-PCR)

■ | Product Introduction

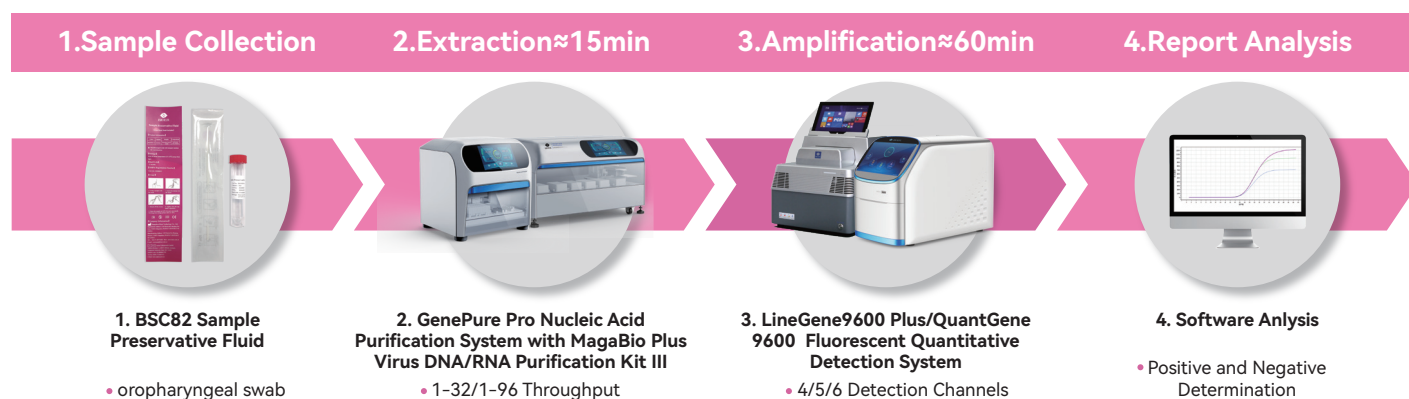
Respiratory Syncytial Virus (RSV) is an RNA virus that spreads through airborne droplets and close contact. It is an important pathogen of acute respiratory tract infection in children. RSV can be divided into RSV A and RSV B based on the difference of G and F antigens, with high fever, cough and wheezing as the main clinical manifestations. This kit includes human internal reference RNase P gene to monitor the whole process of sample collection, nucleic acid extraction and PCR amplification, which can accurately detect the two subtypes of RSV and ensure the effectiveness of the experiment.

■ | Product Features

- **Simultaneous Detection:** Detects both RSV A and RSV B in a single test, improving efficiency.
- **High Specificity:** No cross reaction with a variety of common respiratory infection pathogens such as Bocavirus, Bordetella pertussis, Influenza A H1N1 virus, Influenza B virus, Adenovirus type 7, Mycoplasma pneumoniae, Streptococcus pneumoniae, etc.
- **Ease of Use:** Features a straightforward protocol with minimal hands-on steps, reducing the risk of procedural errors and improving operational efficiency.
- **Internal Control Included:** Incorporates an internal control to monitor the entire extraction and detection process, ensuring reliability and quality of the results.

Product Specifications

Sample Type	oropharyngeal swab
Limit of Detection (LoD)	500 copies/mL
Target Genes	P gene of Respiratory Syncytial Virus (RSV)
Internal Control	human RNase P gene (CY5)
Precision	CV < 5%
Compatible Platform	LineGene 9600 Plus (FQD-96A) , QuantGene 9600 (FQD-96C) , Automated Nucleic Acid Purification and Real Time PCR System (FQD-A1600) Applied Biosystem 7500 Real-time PCR system
Validated Extraction Kits	BSC86 MagaBio plus Virus DNA/RNA Purification Kit III
Detection Time	60 min
Storage Condition	-25°C ~ -15°C away from light



Clinical Performance

1	Diagnostic Sensitivity 100% (99.01%–100.00%)
2	Diagnostic Specificity 100% (98.70%–100.00%)
3	Diagnostic Accuracy 100% (99.43%–100.00%)

Ordering Information

Product Name	Cat. No.	Package	Storage Condition
Respiratory Syncytial Virus Type A / Type B Nucleic Acid Detection Kit (Fluorescent RT-PCR)	BSJ05S1	24T	-25°C ~ -15°C away from light
	BSJ05M1	48T	
	BSJ05L1	96T	

For in vitro diagnostic use only.
For professional use only.



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TECHNOLOGY**

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