

Respiratory Virus Detection Kit

RV-Detection kit 2



Respiratory Virus Detection

Simultaneous analysis of 6 viruses in a single-tube

DSO™ No False positive
by Seegene's innovative technology
Technology



**Multiplex
PCR**

Can analyze 6 virus
at the same time



Adeno virus

Influenza A virus

Influenza B virus

Respiratory
syncytial virus A/B

Metapneumo virus

Parainfluenza virus
1/2/3

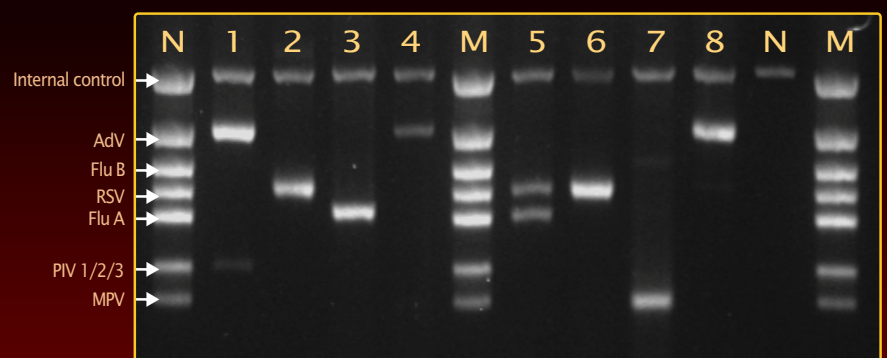




Just with one tube, You can get results with an excellent accuracy!

Detection of respiratory viruses in clinical samples

1-1. Detection of respiratory viruses in clinical samples



M, RV2-marker; 1~8, patient 1~8; N, Negative control

1-2. Result of Multiplex PCR in figure 1-1

Patient	pathogen	Patient	pathogen
1	Adenovirus	5	Respiratory syncytial / Influenza A virus
2	Respiratory syncytial virus	6	Respiratory syncytial virus
3	Influenza A virus	7	Influenza A virus
4	Adenovirus	8	Adenovirus

- ① Small copy number of viruses can be detected using PCR method.
| PCR yields a higher sensitivity than conventional viral culture methods or IFA. Infinitesimal amount of virus, therefore, may be analyzed.
- ② 6 different viruses can be screened simultaneously using multiplex system.
| Screening of 12 different viruses is possible by overcoming limitations of general PCR method.
- ③ Seegene's DSO™ technology is employed.
| No false positives is created due to the superior features of Seegene's DSO™ primers.
- ④ 4 additional features are strengthened.
| Internal control, contamination prevention system, positive control size marker, and positive control DNA are of focused features to enhance the quality of the kit.

Multiplex-PCR

1) Cost-effective

Consumables and equipments such as tubes, tips, PCR machines, agarose, electrophoresis

Bigger earnings due to all-in-one test on several pathogens

2) Efficient

Carryover contamination problem arising from repetitive experiments is resolved by reduced trials.

Ordering Information

Cat.No.	Product	Size	Price
RV1211	Seeplex™ Respiratory virus Detection Kit-1 (Adv, FluA, FluB, RSVa, RSVb, MPV, PIV1, PIV2, PIV3, RhinoVA, CoV229E/NL63, CoVOC43)	50 samples	
RV2210	Seeplex™ Respiratory virus Detection Kit-2 (Adv, FluA, FluB, RSVa/B, MPV, PIV1/2/3)	50 samples	