

CE MagicPure[®] 96 Viral DNA/RNA Kit

Highlights

- Simple and fast, no centrifugation required.
- High yield, high purity.
- The released DNA/RNA are effectively purified after specifically binding to silica magnetic beads.
- This kit is compatible with 96-channel automated nucleic acid extractors.

T H E B E S T F O R L I F E S C I E N C E

Specifications

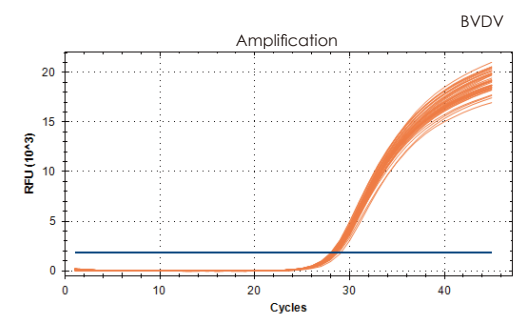
Catalogue Number	EC301-96
Package	96 rxns/kit
Storage Conditions	Store the kit at 5-30°C
Shelf Life	12 months
Sample	plasma, serum, whole blood, tissue homogenate, cell-free body fluid, nasopharyngeal or oropharyngeal aspirate/wash, bronchoalveolar lavage fluid (BALF), tracheal aspirate, sputum, nasopharyngeal or oropharyngeal swab and cell culture supernatant.

Components

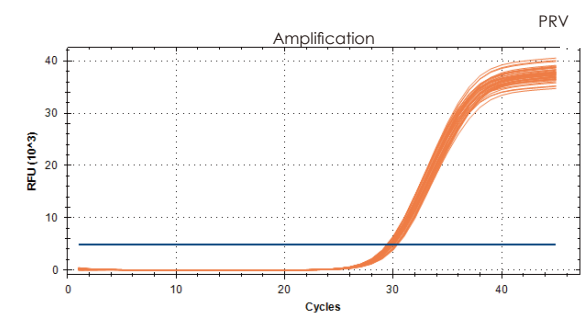
Component Name	Specifications and Quantity
Plate 1: Binding Buffer 19 for Plate	320 µL/well×96
Plate 2: Magnetic Virus Beads for Plate	300 µL/well×96
Plate 3: Clean Buffer 19 for Plate	800 µL/well×96
Plate 4: Wash Buffer 19 for Plate	500 µL/well×96
Plate 5: Wash Buffer 19 for Plate	500 µL/well×96
Plate 6: RNase-free Water	100 µL/well×96
96-Tip Comb	1
Proteinase K (20 mg/mL)	2×1 mL

Performance

The swab eluates containing Bovine Viral Diarrhea Virus (BVDV) and Pseudorabies Virus (PRV) were used as samples, and TransGen products were used for nucleic acid extraction, and qPCR was used to detect the extraction results.



Using Bovine Viral Diarrhea Virus (BVDV) RNA extracted from 48 replicate samples as a template, the amplification curve obtained by the qRT-PCR product (TransGen, AQ321) was detected with high repeatability and good stability.



Using Pseudorabies Virus (PRV) gDNA extracted from 48 replicate samples as a template, the amplification curve obtained by the qRT-PCR product (TransGen, AQ711) was detected with high repeatability and good stability.

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