



Innuscreen

innovative
Sensor
Technology

innuPREP Virus DNA/RNA Kit – PP Mini

The innuPREP Virus DNA/RNA Kit – PP Mini has been designed for the fully automated isolation of both viral DNA and RNA from different kinds of starting material using the PurePrep Mini device. The procedure combines lysis of starting material with subsequent binding of viral DNA/RNA on surface modified magnetic particles. After washing steps, the viral DNA/RNA is eluted from the magnetic particles by using water.

The extraction process is running in two steps: The first step includes automated sample lysis and is followed by the second step which performs automated nucleic acid extraction. Therefore, the samples are transferred into the DW Strip or DW Plate (available separately) and now ready-to-use for downstream applications.

The kit contains a Carrier Mix. The Carrier Mix consists of a necessary Carrier RNA as well as a synthetic DNA fragment and MS2 RNA. Both can be used as internal extraction controls. The proof can be provided by means of available assays from IST Innuscreen GmbH. In addition, individual internal controls can be used. No data are available on the rate of recovery of individual used internal controls. There can be no guarantee for the recovery of individual internal controls. It also pointed out here that used individual controls based on MS2 RNA sequences may lead to higher detection signals with the MS2 RNA from the Carrier Mix.

It is important to note, that the kit should be used with an internal extraction control and corresponding detection assays to monitor the purification, amplification, and detection processes.

Please note that the eluates contain Carrier Mix. In case of using Carrier Mix the quantification of nucleic acids (isolated with this kit) by photometric or fluorometric methods is not possible. It is recommended to quantify extracted RNA/DNA with other methods like specific quantitative Real-time PCR.

The detection limit for certain viruses depends on the individual procedures, for example in-house PCR or commercial used detection assays. We can give no warranty for the efficiency of extraction for different kinds of viruses.

The kit is intended for use by professional users. The kit has been designed to be used for a wide range of different downstream applications, like amplification reactions and further analytical procedures. Diagnostic results generated using the extraction procedure in conjunction with diagnostic tests should be interpreted regarding other clinical or laboratory results. To reduce irregularities in diagnostic results, internal controls for downstream applications should be used.

Product Name: innuPREP Virus DNA/RNA Kit – PP Mini

Product details

Low Throughput Device: PurePrep Mini

Extract: DNA & RNA

Reactions: 16 or 96 (PP Mini)

Sample type/Starting material: Cell-free body fluids & Cell culture (incl. supernatant or m
Swabs
Tissue samples
Stool samples

Specifications:

Starting material

- Cell-free body fluids and cell culture supernatant (e.g. serum, plasma, cerebrospinal fluid)
- Swabs from nasopharyngeal samples (e.g. Influenza A)
- Tissue samples (up to 10 mg)
- Stool samples (50–100 mg) (e.g. Norovirus)

Average yield

Depending on sample quality/quantity

Extraction time

35 min

The online shop

Preis: € 35.00

Inhalt: 16 reactions

Please select packing ▼