



Innuscreen

innovative
Sensor
Technology

innuPREP PlantPath DNA/RNA Kit - KFFLX

The innuPREP PlantPath DNA/RNA Kit - KFFLX has been designed for automated isolation of viral or bacterial DNA and RNA from different kinds of starting material on the KingFisher FLEX. The extraction procedure is based on a new kind of chemistry. The kit has been successfully tested for:

Clavibacter sepedonicus (Cs)

Ralstonia solanacearum (Rs)

Viral RNA out of different kinds of potato viruses

The extraction procedure takes place on the magnetic particle processor KingFisher FLEX and allows the parallel extraction of up to 96 samples. 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. Please note that the use of individual controls based on MS2 RNA sequences may lead to higher detection signals with the MS2 RNA from the Carrier Mix. Please note that the eluates contain 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.

Product Name: innuPREP PlantPath DNA/RNA Kit - KFFLX

Product details

High Throughput Device: KingFisher Flex / KFFLX

Extract: DNA & RNA

Reactions: 96, 480 or 960 (KFFLX)

Sample type/Starting material: Plant material

Specifications:

Starting material

200µl potato homogenate (25 navels (potato) are homogenized in 5 mL of 50 mM phosphate buffer)

Extraction time

KingFisher FLEX lysis & extraction protocol: approx. 55minutes

Average yield

Depending on type and amount of starting material

Average purity

1,7 - 2,0

The online shop

Price: € 320.00

Content: 96 reactions

Please select packing ▼