innuPREP AniPath DNA/RNA Kit 2.0 - KFFLX

The processing of diverse starting materials with only one universal extraction kit offers enormous flexibility and is of special interest in all diagnostic purposes. The innuPREP AniPath DNA/RNA Kit 2.0 – KFFLX is optimized for the automated extraction of pathogen DNA and RNA as well as genomic DNA and RNA using the KingFisher FLEX system (Thermo Fisher Scientific) and can handle most kinds of starting material: cell-free body fluids such as serum and plasma, whole blood, nasopharyngeal swabs, tissue and fecal samples.

Up to 96 samples can be purified simultanously within 60 min. Thanks to the innovative extraction chemistry developed and patented by IST Innuscreen, nucleic acid binding to magnetic particles happens in presence of low salt concentrations and the extraction process results in best yields of pure DNA/RNA.

Nucleic acids finally eluted into the 96-well plate are ready to use for following downstream application such as real-time PCR. The included Carrier Mix composed of Carrier RNA, Internal Control DNA (IC DNA) and RNA (IC RNA) serves as extraction control.

Kit components are limited to reagents required for nucleic acid extraction. Corresponding plastics such as KingFisher FLEX 96 tip combs, deep well plates and elution plates need to be ordered separately via KF FLX Plate Set (845-KF-1296010).

Product Name: innuPREP AniPath DNA/RNA Kit 2.0 - KFFLX

Product details

High Throughput Device: KingFisher Flex / KFFLX
Extract: DNA & RNA
Reactions: 96, 480 or 960 (KFFLX)
Sample type/Starting material: Cell-free body fluids & Cell culture (incl. supernatant or m
Blood, fresh or frozen (RNA only fresh)

Stool
Swabs
Tissue

Specifications:

Automated high-throughput application: Purification of up to 96 samples using the KingFisher FLEX (Thermo Fisher Scientific)
Ideally suited for veterinary diagnostics 2 protocols available (highest sensitivity or high automation level)

Starting material

Cell-free body fluids (200 µl)
Whole blood (200 µl)
Fecal samples (50-100 mg)
Swabs from nasopharyngeal samples (e.g. Influenza testing)
Tissue samples (up to 10 mg)

Average yield

Depending on sample quality/quantity

Extraction time

Approx. 60 min

Elution volume

100 µl

The online shop

Price: € 215.25
Content: 96 reactions
Please select packing 96 reactions ▼