innuPREP AniPath DNA/RNA Kit - IPC16

The innuPREP AniPath DNA/RNA Kit – IPC16 is designed for the automated extraction of both bacterial DNA and viral DNA/RNA by using the InnuPure C16 touch.
Each Reagent Strip is prefilled and ready to use for 1 sample.

The kit is suitable for a broad spectrum of starting material ranging from cell culture supernatant, cell-free body fluids and whole blood as well as fecal samples, swabs and other relevant material. The kit is based on a patented extraction chemistry and provides best yields of pure nucleic acids accompanied by an accelerated procedure.

Pre-filled reagent strips or plates reduce required manual steps and thereby minimize the risk of errors. After binding to surface-modified magnetic particles and multiple wash steps, nucleic acids are eluted with RNase-free water. The resulting DNA/RNA can directly be used in subsequent downstream applications such as qPCR. To verify the extraction process the kit contains a Carrier Mix composed of Carrier RNA, Internal Control DNA (IC DNA) and RNA (IC RNA).
As an alternative to the standard, pre-filled, sealed extraction kits for InnuPure C16 touch, corresponding lower-cost non-filled kit variants are also available. These kits also contain all the plastics and reagents required for extraction.

Product Name: innuPREP AniPath DNA/RNA Kit - IPC16

Product details

Low Throughput Device: InnuPure C16touch
Extract: DNA & RNA
Reactions: 16 or 96 (IPC16 - Strip)
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:

One kit for all sample types: broad spectrum of starting material ranging from cell-free body fluids to whole blood and fecal samples
Pre-filled kit for extraction of bacterial DNA and viral DNA/RNA in parallel
Automated extraction of up to 16 samples using the InnuPure C16 touch
Ideally suited for veterinary diagnostics

Starting material

Cell culture supernatant, cell-free body fluids (up to 400 µl)
Whole blood (up to 400 µl)
Fecal samples (50-100 mg)
Swabs
Organ tissue, e.g. spleen, brain, tonsils, lungs, lymph nodes (5-10 mg)

Average yield

Depending on sample quality/quantity

Extraction time

84 min

The online shop

Preis: € 152.25
Inhalt: 16 reactions
Please select packing 16 reactions ▼