innuPREP Blood DNA Mini Kit - FX

The innuPREP Blood DNA Mini Kit - FX has been designed for automated extraction of genomic DNA (gDNA) from whole blood preparations including fresh or frozen whole blood samples stabilized with EDTA, citrate or heparin and even collected in PAXgene® Blood DNA Tubes. The extraction protocol is established on CyBio FeliX based on sample volumes of up to 400 µl. The extraction process is based on binding the nucleic acids to magnetic particles.

The procedure starts with the lysis of the starting material. After washing steps the nucleic acid is eluted from the magnetic particles with RNase-free water. The protocol is optimized to obtain DNA of maximum yield and quality which can be used for downstream applications like standard or real-time PCR. The extraction procedure is based on the special technology patented by IST Innuscreen.
In order to minimize manual preparation steps for this kit, the innuPREP Pre-filling Set (OL3317-25-127 available at Analytik Jena) offers the possibility of automated pre-filling of all Deep Well Plates with respective buffers and reagents by the CyBio FeliX.

Product Name: innuPREP Blood DNA Mini Kit - FX

Product details

High Throughput Device: CyBio FeliX
Extract: DNA
Reactions: 96 or 480 (CyBio FeliX)
Sample type/Starting material: Blood, fresh or frozen (RNA only fresh)
Specifications:
Automated procedure including lysis
High-throughput application for up to 96 samples in parallel
Diverse starting material: fresh or frozen whole blood samples stabilized with EDTA, citrate, heparin or collected in PAXgene® Blood DNA Tubes
Flexible application: protocol for 200 µl and 400 µl

High yield and high purity DNA

Starting material
Up to 400 µl whole blood
Fresh or frozen blood
Stabilized with EDTA, citrate or heparin
PAXgene® Blood DNA Tubes

Average yield
Depending on sample quality/amount of mononuclear blood cells
200 µl whole blood approx. 2 – 8 µg
400 µl whole blood approx. 2 – 12 µg

Extraction time
Up to 200 µl whole blood: 70 min
Up to 400 µl whole blood: 86 min

Average purity
1.8 – 2.0

The online shop

Preis: € 399.00
Inhalt: 96 reactions
Please select packing 96 reactions ▼