innuPREP SE Blood direct HMW DNA Kit - KFFLX

The innuPREP SE Blood direct HMW DNA Kit - KFFLX has been designed for automated isolation of high molecular weight DNA (HMW) from 200 µl fresh whole blood stabilized with EDTA, citrate or heparin or sampled with PAXgene® Blood DNA Tubes based on a patented technology.

The extraction process is based on adsorption of the cells and genomic DNA to Smart Modified Surfaces and it needs no magnetic particles for DNA binding. That means, the DNA binds direct on the surface of the modified KingFisher Flex Tip Combs. After washing, the genomic DNA is eluted from the Smart Modified Surfaces and is ready for use in subsequent downstream applications. The whole extraction process just needs simple mixing up and down of the modified Tip Combs. The process is very fast and gives no limitation regarding the binding capacity. So, the kit is optimized to get a maximum of yield and quality.
The nucleic acids are submitted to minimal shearing forces and are thus of superior quality and very high molecular weight, thus ideally suited for size-sensitive downstream applications such as NanoPore or PacBio sequencing.

Automated high-throughput application: Purification of up to 96 samples using the KingFisher FLEX (Thermo Fisher Scientific)
High yield of high molecular weight DNA

Product Name: innuPREP SE Blood direct HMW DNA Kit - KFFLX

Product details

High Throughput Device: KingFisher Flex / KFFLX
Extract: HMW DNA
Reactions: 16 or 96 (PP Mini)
Sample type/Starting material: Blood, fresh or frozen (RNA only fresh)
Specifications:

Starting material
up to 200 µl ml whole blood (fresh or frozen) treated with EDTA, citrate or heparin.

Extraction Time
approx. 56 min

Quality
1.7 – 2.0

**Average Yield
Depends on sample and used volume

The online shop

Preis: € 576.00
Inhalt: 96 reactions
Please select packing 96 reactions ▼