



Innuscreen

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Technology

# 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

**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**

Price: € 576.00

Content: 96 reactions

Please select packing  ▼