



Innuscreen

innovative
Sensor
Technology

innuPREP SE HMW DNA Kit - PP Mini

The innuPREP SE HMW DNA Kit – PP Mini has been designed for automated isolation of high molecular weight DNA (HMW) from bacteria, yeasts, tissue samples and rodent tails, eucaryotic cells and blood cells.

Plates / strips and tip combs are included.

The kit is based on the patented SmartExtraction Technology using Smart Modified Surfaces invented by IST Innuscreen GmbH. The extraction process is based on adsorption of the 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 Pureprep Mini 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. Further, because of the extraction technology the DNA is from excellent quality and is high molecular weight DNA.

Product Name: innuPREP SE HMW DNA Kit - PP Mini

Product details

Low Throughput Device: PurePrep Mini

Extract: HMW DNA

Reactions: 16 or 96 (PP Mini)

Sample type/Starting material: Tissue samples

Rodent tails

Bacterial cell culture or pellets (gram+ & gram-) & Yeast

Eukaryotic cells

Blood, fresh or frozen

Specifications:

Starting material

Tissue samples (5 mg – 40 mg)

Rodent tails (0.1 - 0.5 cm; max. 50 mg)

Bacteria / Yeast cell pellets (1×10^8 – 1×10^{12} cells)

Eukaryotic cells (1×10^6 – 1×10^7)

Whole blood for collecting of PBMC's (1 – 3 ml; depends on amounts of PBMC's use not more blood as equivalents to 1×10^7 PBMC's)

Average yield

Depending on sample quality/quantity

Extraction time

43 min

The online shop

Preis: € 144.00

Inhalt: 16 reactions

Please select packing

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