smart DNA prep (a96) - FX

The universal smart DNA prep (a96) – FX Kit has been designed for automated isolation of high molecular weight genomic DNA from a broad variety of starting materials including tissue samples, eukaryotic cells, rodent tails, bacteria and yeast cells using CyBio FeliX. The extraction is based on the new patented SmartExtraction technology.

The whole extraction process just needs simple pipetting up and down and profits from efficient binding of DNA to Smart Modified Surfaces inside the filter tip. After washing, the ultra-pure DNA is eluted and ready for use in subsequent downstream applications. The innuPREP Bacteria Lysis Booster is also available to further optimize the lysis of bacterial cells, particularly with regard to bacterial strains that are difficult to lyse.

Product Name: smart DNA prep (a96) - X

Product details

High Throughput Device: CyBio FeliX
Extract: DNA
Reactions: 96 or 480 (CyBio FeliX)
Sample type/Starting material: Tissue
Rodent tails
Eukaryotic cells
Bacterial cell culture or pellets (gram+ & gram-) & Yeast

Specifications:
Optimized for automatic extraction by CyBio FeliX
Magnificent binding capacity without particle agglutination thanks to unique SmartExtraction technology
Up to 500 µl elution volume

Starting Material
Tissue sample (1 – 100 mg)

For tissue samples with a high DNA content (e.g. spleen samples, pancreatic samples and lymph nodes) use max. 5 mg!
Mouse tails (up to 1.0 cm)
Rat tails (up to 0.5 cm)
Eukaryotic cells (max. 5 x 10exp6)
Bacteria cell pellets (1 x 10exp5 – 1 x 10exp9 cells)
Yeast cell pellets (1 x 10exp5 – 1 x 10exp9 cells)

Average Yield
Depending on sample quality/amount of starting material

Extraction Time
External Lysis: depends on starting material
Extraction: 40 min

The online shop

Preis: € 336.00
Inhalt: 96 reactions
Please select packing 96 reactions ▼