Innuscreen
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Sensor
Technology

innuPREP FFPE DNA Kit - IPC16

The combination of innuPREP FFPE DNA Kit - IPC16 and InnuPure C16 touch offers a platform for easy, safe, automated DNA extraction from formalin-fixed, paraffin-embedded (FFPE) tissue samples.
Each Reagent Plate is prefilled and ready to use for 8 samples.

Because of a novel chemistry, the typically used, extensive process to remove paraffin is completely eliminated. Thus the isolation of genomic DNA is done without the use of toxic solvents, like Xylene or Octane. An additional Proteinase K digestion breaks down proteins within cell lysates and releases the nucleic acids. Subsequent DNA isolation is performed by magnetic particle separation and is based on patented technology using the InnuPure C16 touch. Pre-filled, sealed Reagent Strips and/or Plates can significantly reduce the risk of cross-contamination between samples. The highly pure DNA obtained is then available for subsequent applications such as qPCR.

As an alternative to the standard, pre-filled, sealed extraction kits for InnuPure C16 touch, corresponding lower-cost non-filled kit variants are also available. These kits also contain all the plastics and reagents required for extraction.

Product Name: innuPREP FFPE DNA Kit - IPC16

Product details

Low Throughput Device: InnuPure C16touch
Extract: DNA
Reactions: 16 , 96 or 480 (IPC16 - Plate)
Sample type/Starting material: Tissue samples
Specifications:
Without the need for typically used toxic solvents such as Xylene or Octane
High-quality DNA from up to 16 samples by InnuPure C16 touch

Starting material
FFPE tissue samples (formalin-fixed, paraffin-embedded)
Approx. 2x 5 µm, more starting material may also be used (optionally)

Average yield
Depends on the sample and the amount used

Extraction time
Lysis: approx. 225 minutes (external)
InnuPure C16 touch protocol: approx. 38 - 47 minutes

Average purity
1,8 - 2,0

The online shop

Price: € 126.00
Content: 16 reactions
Please select packing 16 reactions ▼