innuPREP Food DNA Kit - IPC16

The innuPREP Food DNA Kit - IPC16 is a simple, safe, automated tool for extracting DNA from a variety of food samples.
Each Reagent Plate is prefilled and ready to use for 8 samples.

Pre-filled, sealed Reagent Strips/Plates, using InnuPure C16 touch eliminates the need for time-consuming prep steps. Once the starting material has been homogenized (using a homogenizer such as the SpeedMill PLUS) and external lysis is complete, the InnuPure C16 touch automated extraction system carries out all of the remaining steps. Based on patented technology and the magnetic particle separation principle, the system utilizes a stringent lysis buffer and optimized binding buffer to achieve large yields of high-quality nucleic acids. The isolated DNA contains virtually no inhibitors and is immediately 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 Food DNA Kit - IPC16

Product details

Low Throughput Device: InnuPure C16touch
Reactions: 16 , 96 or 480 (IPC16 - Plate)
Sample type/Starting material: Food
Specifications:

Product Details

Isolation of large quantities of highly pure DNA without transferring magnetic particles
No discoloration of the DNA eluate
Includes RT-PCR setup recommendations for each food category

Starting material
Categorized food samples:
Meat and sausage products

Canned foods (frankfurters and fish)
Convenience foods
Baked goods, chips, muesli
Chocolate
Flour, baking mixtures, spices
Ketchup, mustard, sauces, jams, bread spreads
Dairy products
Oils and fats
Up to 200 mg of material

Extraction time
Lysis: approx. 60 minutes (external)
InnuPure C16 touch protocol: approx. 38 or 47 minutes

Average yield
Depends on the sample and the amount used

Average purity
1,8 - 2,0

The online shop

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