

# Instructions for Use

## Life Science Kits & Assays

### innuPREP Food DNA Kit – IPC16

**Order No.:**

845-IPS-5716016 16 reactions  
845-IPS-5716096 96 reactions  
845-IPP-5716016 16 reactions  
845-IPP-5716096 96 reactions  
845-IPP-5716480 480 reactions

IPS = Kit contains prefilled reagent strips for processing individual samples

IPP = Kit contains prefilled reagent plates for running 8 samples in parallel

Note: Prefilled reagent strips and reagent plates can be used in parallel in the InnuPure® C16.

---

Publication No.: HB\_IP-5716\_e\_180404

---

This documentation describes the state at the time of publishing.

It needs not necessarily agree with future versions. Subject to change!

Print-out and further use permitted with indication of source.

© Copyright 2018, Analytik Jena AG, AJ Innuscreen GmbH

---

**Manufacturer:**

AJ Innuscreen GmbH  
Robert-Rössle-Straße 10  
13125 Berlin  
Made in Germany!

---

**Distribution/Publisher:**

Analytik Jena AG  
Konrad-Zuse-Straße 1  
07745 Jena · Germany

Phone +49 3641 77 9400  
Fax +49 3641 77 767776  
www.analytik-jena.com  
info@analytik-jena.com

## Contents

1	Introduction.....	2
1.1	Intended use.....	2
1.2	Notes on the use of this manual .....	3
2	Safety precautions .....	4
3	Storage conditions .....	6
4	Functional testing and technical assistance .....	7
5	Product use and warranty .....	7
6	Kit components .....	8
7	Recommended steps before starting .....	9
8	GHS Classification .....	10
8.1	Hazard phrases .....	11
8.2	Precaution phrases .....	12
8.3	EU hazard statements .....	12
9	Product specifications.....	13
10	Protocol: Lysis of food samples .....	14
11	Preparing Reagent Plate / Strip for automated extraction.....	16
11.1	General filling scheme of reagent reservoir .....	16
11.2	Unpacking of Reagent Plate or Reagent Strip.....	17
11.3	Piercing of sealing foil of Reagent Plate or Reagent Strip.....	18
11.4	Loading the sample to InnuPure® C16 / C16 touch .....	19
12	Automated extraction using InnuPure® C16 / C16 touch.....	20
12.1	Sample tray of InnuPure® C16 / C16 touch .....	20
12.2	Preparing sample tray of InnuPure® C16 / C16 touch.....	21
12.3	Starting the InnuPure® C16.....	23
12.4	Starting the InnuPure® C16 touch .....	25
13	Troubleshooting.....	28
14	Related Products.....	29

# 1 Introduction

## 1.1 Intended use

The innuPREP Food DNA Kit - IPC16 has been designed for automated isolation of DNA from food samples using the InnuPure® C16 / C16 *touch*. The extraction procedure is based on a new-patented chemistry.

The extraction procedure starts with an external lysis step of food samples. After the lysis step the sample is transferred into the Reagent Strips or Reagent Plate of the kit, which is already prefilled with all extraction reagents needed for the extraction process. The following extraction process runs automatically on the InnuPure® C16 / C16 *touch*. The extraction process is based on binding of the DNA on surface modified magnetic particles. After washing steps the nucleic acid is eluted from the magnetic particle with RNase-free water and is now ready to use for downstream applications. The extraction chemistry in combination with the InnuPure® C16 / C16 *touch* protocol are optimized to get maximum of yield and quality.

---

### CONSULT INSTRUCTION FOR USE



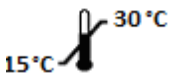







This package insert must be read carefully prior to use. Package insert instructions must be followed accordingly. Reliability of results cannot be guaranteed if there are any deviations from the instructions in this package insert.

---

## 1.2 Notes on the use of this manual

For easy reference and orientation, the manual uses the following warning and information symbols as well as the shown methodology:

Symbol	Information
	<b>REF</b> Catalogue number.
	<b>Content</b> Contains sufficient reagents for <N> tests.
	<b>Storage conditions</b> Store at room temperature, unless otherwise specified.
	<b>Consult instructions for use</b> This information must be observed to avoid improper use of the kit and the kit components.
	<b>Expiry date</b>
	<b>Lot number</b> The number of the kit charge.
	<b>Manufactured by</b> Contact information of manufacturer.
	<b>For single use only</b> Do not use components for a second time.
	<b>Note / Attention</b> Observe the notes marked in this way to ensure correct function of the device and to avoid operating errors for obtaining correct results.

## 2 Safety precautions

---

### NOTE

Read through this chapter carefully prior to use to guarantee your own safety and a trouble-free operation.

Follow all the safety instructions explained in the manual, as well as all messages and information, which are shown.

---

All due care and attention should be exercised in handling the materials and reagents contained in the kit. Always wear gloves while handling these reagents and avoid any skin contact! In case of contact, flush eyes or skin with a large amount of water immediately.



### FOR SINGLE USE ONLY!

This kit is made for single use only!

---

### ATTENTION!

Don't eat or drink components of the kit!

The kit is designed to be handled by educated personnel in a laboratory environment!

---

If the buffer bottles are damaged or leaking, wear gloves and protective goggles when discarding the bottles in order to avoid any injuries. This kit is to be used with potential infectious human samples. Therefore, all liquid waste must be considered as potentially infectious and must be handled and discarded according to local safety regulation.

Please observe the federal, state and local safety and environmental regulations. Follow the usual precautions for applications using extracted nucleic acids. All materials and reagents used for DNA or RNA isolation should be free of DNases or RNases.

---

### ATTENTION!

Do not add bleach or acidic components to the waste after sample preparation!

---

**NOTE**

Emergency medical information in English and German can be obtained 24 hours a day from:

Poison Information Center, Freiburg / Germany

Phone: +49 (0)761 19 240.

---

For more information, please ask for the Safety Data Sheets (SDS).

### 3 Storage conditions

Store lyophilized **Proteinase K** at 4 °C to 8 °C! Divide dissolved **Proteinase K** into aliquots and storage at -22 °C to -18 °C is recommended. Repeated freezing and thawing will reduce the activity dramatically!

All other components of the innuPREP Food DNA Kit – IPC16 should be stored dry at room temperature (15 °C to 30 °C). When stored at room temperature, the kit is stable until the expiration date printed on the label on the kit box.

Before every use make sure that all components have room temperature. If there are any precipitates within the provided solutions dissolve these precipitates by careful warming.

For further information see chapter "Kit components" p. 8.



## 4 Functional testing and technical assistance

The Analytik Jena AG guarantees the correct function of the kit for applications as described in the manual. This product has been produced and tested in an ISO 13485 certified facility.

We reserve the right to change or modify our products to enhance their performance and design. If you have any questions or problems regarding any aspects of the innuPREP Food DNA Kit – IPC16 or other Analytik Jena AG products, please do not hesitate to contact us.

For technical support or further information in Germany please dial +49 36 41 / 77 94 00. For other countries please contact your local distributor.

## 5 Product use and warranty

The kit is not designed for the usage of other starting materials or other amounts of starting materials than those, referred to in the manual (→ "Intended use" p. 2) (→ "Product specifications" p. 13 ). Since the performance characteristics of Analytik Jena AG kits have just been validated for the application described above, the user is responsible for the validation of the performance of Analytik Jena AG kits using other protocols than those described below. Analytik Jena AG kits may be used in clinical diagnostic laboratory systems after the laboratory has validated the complete diagnostic system as required by CLIA' 88 regulations in the U.S. or equivalent regulations required in other countries.

All products sold by the Analytik Jena AG are subjected to extensive quality control procedures and are warranted to perform as described when used correctly. Any problems should be reported immediately.

## 6 Kit components

### IMPORTANT

Store lyophilized **Proteinase K** at 4 °C to 8 °C. Divide dissolved **Proteinase K** into aliquots and storage at -22 °C to -18 °C is recommended. Repeated freezing and thawing will reduce the activity dramatically!



### STORAGE CONDITIONS

All other components are stored at room temperature.

	Σ 16	Σ 96	Σ 480
<b>REF</b>	845-IP[S/P]-5716016	845-IP[S/P]-5716096	845-IPP-5716480
<b>Lysis Solution CBV</b>	25 ml	2x 120 ml	3x 250 ml
<b>Proteinase K</b>	for 2 x 0.3 ml working solution	for 2 x 1.5 ml working solution	for 7 x 1.5 ml working solution
<b>Reagent Strip M*</b> (* Depending on order)	16 (pre-filled, sealed)	96 (pre-filled, sealed)	--
<b>Reagent Plate M*</b> (* Depending on order)	2 (pre-filled, sealed)	12 (pre-filled, sealed)	60 (pre-filled, sealed)
<b>Filter Tips</b>	2 x 16	2 x 96	10 x 96
<b>Elution Tubes (0.65 ml)</b>	16	2 x 48	10 x 48
<b>Elution Caps (Stripes)</b>	2	12	5 x 12
<b>Elution Stripes</b>	2	12	5 x 12
<b>Manual</b>	1	1	1
<b>Initial steps</b>	<b>Proteinase K</b> Dissolve by addition of 0.3 ml of ddH <sub>2</sub> O, mix thoroughly and store as described above.	<b>Proteinase K</b> Dissolve by addition of 1.5 ml of ddH <sub>2</sub> O, mix thoroughly and store as described above.	

## COMPONENTS NOT INCLUDED IN THE KIT

- ddH<sub>2</sub>O for dissolving **Proteinase K**
- RNase A (10 mg/ ml), optional
- 1.5 ml and 2.0 ml tubes

## 7 Recommended steps before starting

- Ensure that the **Proteinase K** has been prepared according to the instruction (→ "Kit components" p. 8).
- Avoid freezing and thawing of starting material.
- Invert the Reagent Plate / Reagent Strips for 3–4 times and thump it onto a table to collect the prefilled solutions at the bottom of the wells.
- Heat thermal mixer or water bath at 65 °C.
- Centrifugation steps should be carried out at room temperature.

## 8 GHS Classification

Component	Hazard contents	GHS Symbol	Hazard phrases	Precaution phrases	EUH
Reagent Plate/Strip M	Guanidinium Thiocyanate 25-50 %	 Danger	225, 302, 314, 336, 411	101, 102, 103, 210, 303+361+353, 305+351+338, 310, 405, 501	032
	Polyethylene glycol octylphenol ether 25-50 %				
	Ethanol 50-100 %				
	Propan-2-ol 50-100 %				
Proteinase K	Proteinase, engyodontium album	 Danger	315, 317, 319, 334, 335	101, 102, 103, 261, 280, 305+351+338, 342+311, 405, 501	

**8.1 Hazard phrases**

- 225 Highly flammable liquid and vapor.
- 302 Harmful if swallowed.
- 314 Causes severe skin burns and eye damage.
- 315 Causes skin irritation.
- 317 May cause an allergic skin reaction.
- 319 Causes serious eye irritation.
- 334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- 335 May cause respiratory irritation.
- 336 May cause drowsiness or dizziness.
- 411 Toxic to aquatic life with long lasting effects.

### 8.2 Precaution phrases

- 101 If medical advice is needed, have product container or label at hand.
- 102 Keep out of reach of children.
- 103 Read label before use.
- 210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- 261 Avoid breathing dust/fume/gas/mist/vapors/spray.
- 280 Wear protective gloves/protective clothing/ eye protection/face protection.
- 310 Immediately call a POISON CENTER/doctor.
- 405 Store locked up.
- 501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- 342+311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor.
- 303+361+ IF ON SKIN (or hair): Take off immediately all contaminated clothing.
- 353 Rinse skin with water/shower.
- 305+351+ IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- 338

### 8.3 EU hazard statements

- 032 Contact with acids liberates very toxic gas.

## 9 Product specifications

### 1. Starting material:

- Food samples (max. 200 mg)

### 2. Time for isolation:

#### Manuel steps:

- Lysis: approx. 60 minutes
- Processing after lysis: approx. 15 minutes

#### Automated steps:

Extraction protocol InnuPure®C16 / C16 touch	Protocol on In- nuPure®C16 / C16 touch	Time In- nuPure®C16 / C16 touch	Elution volumes
Ext_Lysis_200_C16_04/ External Lysis 200 µl – 05	200 µl	55 / 52 min	20–500 µl
Ext_Lysis_200_Fast_C16_04/ External Lysis 200 µl – Fast – 05	200 µl	43 / 41 min	20–500 µl

### 3. Typical yield:

- Depending on amount and quality of starting material.

## 10 Protocol: Lysis of food samples

1. Weigh up to **200 mg** of food sample and transfer it into a 2.0 ml tube. Before, cut the sample in small pieces or homogenize the sample as much as possible.
2. Add the recommended amount of **Lysis Solution CBV** (see table) and **20 µl Proteinase K** to each sample and vortex vigorously for 10 seconds. Incubate at 65 °C for approx. 60 minutes.

Food class	Example	Amount of Lysis Solution CBV to be added to the sample
Meat products	ham, salami	0.8 ml
Tinned food	fish, meat or sausages	0.8 ml
Milk products	cheese, yoghurt, chocolate	0.8 ml
Cereals	flakes, nachos, waffle, cookie, noodle	1.5 ml
Flours	wheat flour, baking mixes	1.2 ml
Instant products	Instant soups, mashed potatoes	1.0 ml

---

### NOTE

We recommend to use a shaking platform (thermal mixer, water bath or another rocking platform) for a continuous shaking of the sample. Alternatively, vortex the sample every 10 minutes during the incubation. No shaking will reduce the lysis efficiency.

---



3. Centrifuge the tube at 11,000 x g (11,000 rpm) for 10 minutes.

4. Transfer the supernatant into a new 1.5 ml reaction tube.

If there is a floating material above the sample, pierce this film carefully with pipette and carefully remove the sample. Avoid aspiration of floating material and/or sediment.

---

#### NOTE

To remove RNA from the sample (if necessary) add 2 µl of RNase A solution (10 mg/ml) to the lysed sample, vortex shortly and incubate for 5 minutes at room temperature.

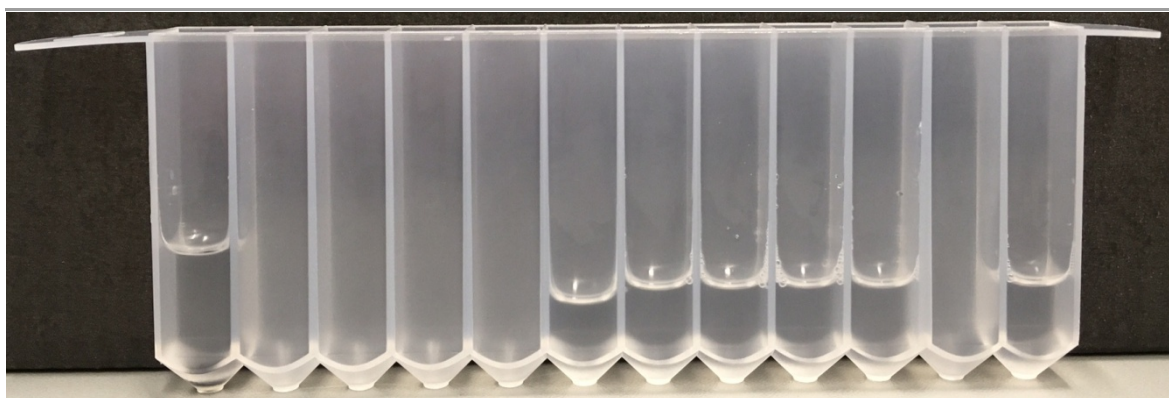
---

5. Check if the sample volume is at least **400 µl**. If it is lower fill up by addition of **Lysis Solution CBV**.

6. Proceed with automated extraction (→ "Preparing Reagent Plate / Strip for automated extraction", p. 16).

## 11 Preparing Reagent Plate / Strip for automated extraction

### 11.1 General filling scheme of reagent reservoir



Cavity 1:	Magnetic particles	Cavity 7:	Washing Solution
Cavity 2:	Empty	Cavity 8:	Washing Solution
Cavity 3:	Empty	Cavity 9:	Washing Solution
Cavity 4:	Empty	Cavity 10:	Washing Solution
Cavity 5:	Empty	Cavity 11:	Empty
Cavity 6:	Binding Solution	Cavity 12:	Elution Buffer

### 11.2 Unpacking of Reagent Plate or Reagent Strip

---

#### NOTE

According to transport regulations Reagent Reservoirs are wrapped into plastic bags only when transported by airplane.

---



Reagent Plates or Reagent Strips are delivered wrapped into plastic bags for transport protection.

Carefully open the overpack of Reagent Plates or Strips by using scissors.

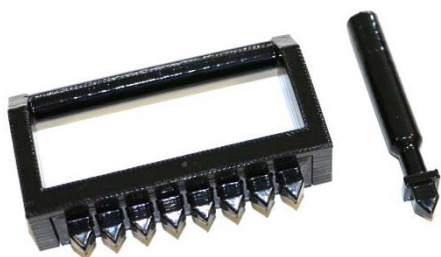
### 11.3 Piercing of sealing foil of Reagent Plate or Reagent Strip

---

#### NOTE

Before using Reagent Plates or Strips the sealing foil has to be pierced manually. Always wear gloves while piercing of the foil!

---

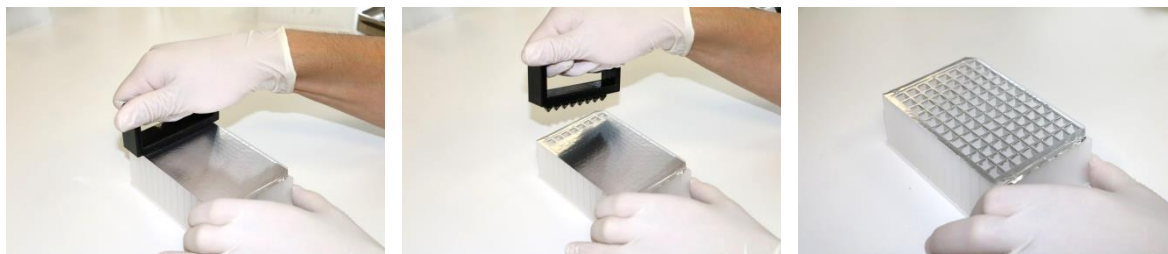


Reagent Plates or Strips are prefilled with extraction reagents and are sealed with a foil. Prior to use this foil has to be pierced manually, by using the piercing tools (single piercer or 8fold piercer).

Keep the Reagent Plates or Strips in a horizontal position to avoid spilling of the reagents while piercing of the foil.

Open all cavities (one row per sample).

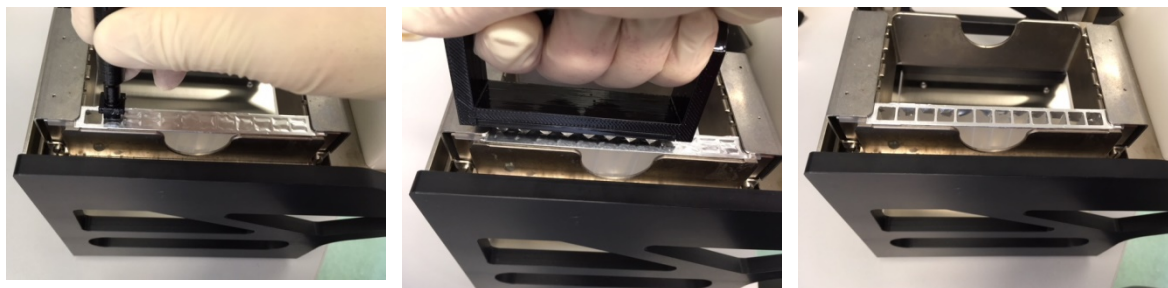
#### Using 8 samples in parallel



#### Using single samples



### Using Reagent Strips



### IMPORTANT

Use single or eightfold piercing tool for opening of all cavities of one row per sample!

---

### 11.4 Loading the sample to InnuPure® C16 / C16 touch

1. Ensure the foils of Reagent Plate or Reagent strips have been pierced (→ „Preparing Reagent Plate / Strip for automated extraction“ p. 16).
2. Transfer **400 µl** of **lysed sample** directly into the **third cavity** of Reagent Plates or Reagent Strips.

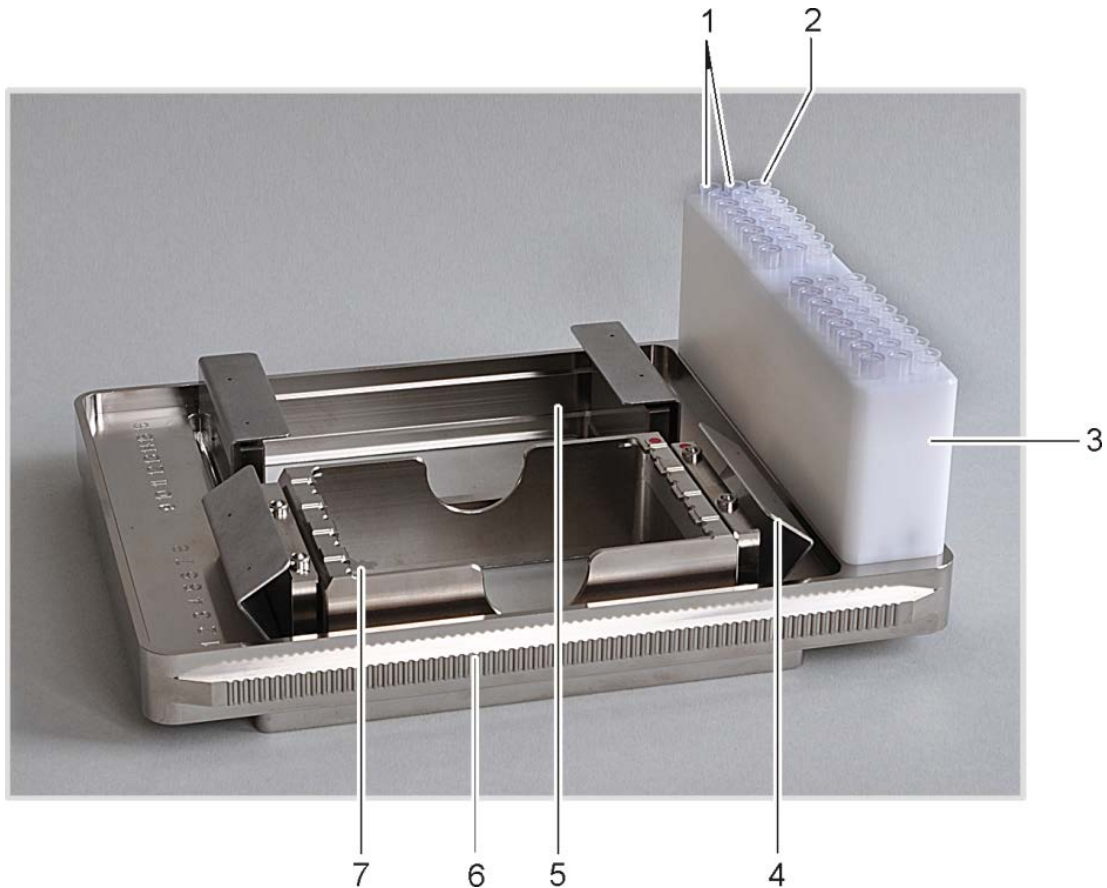
### NOTE

The sample will be processed using the InnuPure® C16 / C16 touch. Please follow the instruction of chapter 12 p. 20.

---

## 12 Automated extraction using InnuPure® C16 / C16 touch

### 12.1 Sample tray of InnuPure® C16 / C16 touch



---

**No. 1:** Filter tips

---

**No. 2:** Elution vessels for purified samples

---

**No. 3:** Tip block

---

**No. 4:** Holding-down clamp

---

**No. 5:** Sample block for Reagent Plates or adapter for Reagent Strips

---

**No. 6:** Serrated guide rail (C16 *touch*: non-serrated)

---

**No. 7:** Adapter for Reagent Strips

---

## 12.2 Preparing sample tray of InnuPure® C16 / C16 touch

---

### NOTE

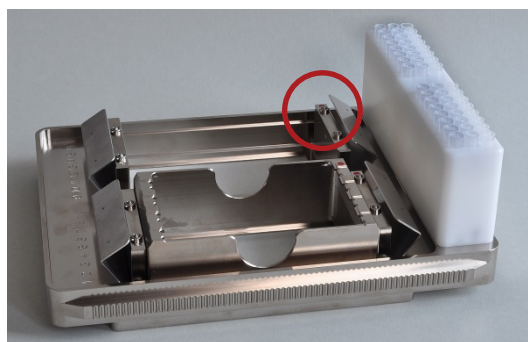
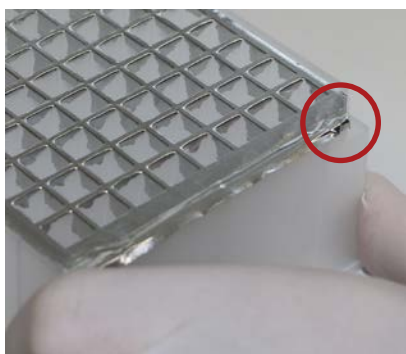
The needed number of Reagent Strips or Reagent Plates is depending on the number of samples, which have to be processed. Don't use more strips as number of samples!

---

1. Place the InnuPure® C16 / C16 *touch* sample tray into the priming station and fold the holding-down clamp at the sample tray upwards!
2. Place the Reagent Plate or an adapter with Reagent Strips into the holder of the sample tray. Using Reagent Plates, the notched corner of the Reagent Plate has to align with the colored dot at the holder. Using adapters and Reagent Strips, the colored dot of the adapter has to align with the colored dot at the holder and Reagent Strips have to be inserted in a way that the "AJ" labels are arranged at the side of the adapter which is more distant from the tip block.

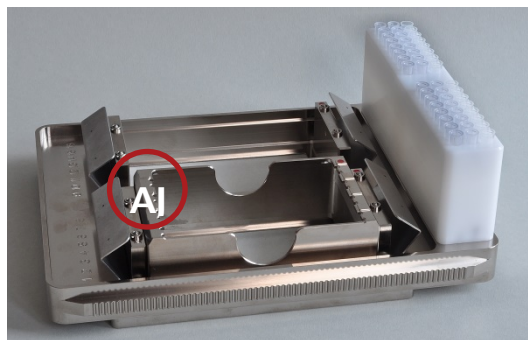
### Reagent Plate

The notched corners of the Reagent Plate must point to the colored dot on the holder.



### Reagent Strips

Place the Reagent Strips into the adapter. The long tab marked with the label "AJ" must point to the side of the adapter which is more distant from the tip block.



---

### ATTENTION

Both holders have to be equipped with a Reagent Plate or Reagent Strips. If applicable use an empty or dummy plate for the respective holder.

3. Fold down the holding-down clamp to prevent the Reagent Plates and Reagent Strips to be pulled out of the holder during the extraction process.
4. For each extracted sample place two filter tips in the smaller drill holes of the tip block.
5. Place the Elution Tubes into the wider drill hole at the edge of the tip block. Empty sample positions do not need to be filled.

---

### NOTE

Especially with the Reagent Strips make sure that for every Reagent Strip the tips and the elution vessel are in the corresponding positions in the tip block!

---

### ATTENTION

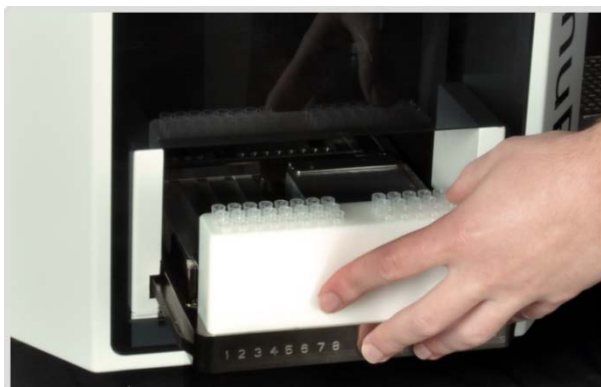
It is possible to select between two different elution vessels! For small elution volumes up to 200 µl use Elution Strips (0.2 ml). For high elution volumes up to 500 µl use Elution Tubes (0.65 ml) with corresponding Elution Caps (Stripes).

---



### 12.3 Starting the InnuPure® C16

1. Switch on the InnuPure® C16 and wait for the device initialization to complete, which is signaled by a beeping sound.
2. Move the loaded sample tray with the Reagent Strips or Reagent Plates forward into the sample tray adapter on the front of the InnuPure® C16. The serrated rails at the side of the sample tray must protrude into the grooves of the adapter. After pressing lightly against the tip block the sample tray is automatically pulled into the device.



#### ATTENTION

Immediately let go of the sample tray it is being pulled in. Otherwise there is a risk of your hand being crushed.

3. After pressing [Select Protocol] choose an appropriate extraction protocol on InnuPure® C16 and press [Start]:

Extraction procedure	Protocol on InnuPure®C16
Standard (maximum yield, approx. 55 minutes)	Ext_Lysis_200_C16_04
Fast (time-optimized, approx. 43 minutes)	Ext_Lysis_200_Fast_C16_04

4. Enter the recommended **elution volume** of **150–200 µl** and press [OK].
- 

### NOTE

It is possible to adjust the volume values from 20 µl to 500 µl.

---

5. If needed, choose log file and enter sample ID's, press [OK] or [CANCEL].
- 

### NOTE

It is possible to enter sample ID's and to create a run log file. Find more detailed information how to start an extraction protocol using InnuPure® C16 on page 37 of the user manual ("6.3.5 Using the sample setup tool")!

---

6. After completion of the protocol press [NEXT] and the sample tray is then automatically moved out of the device.
- 

### NOTE

The chosen protocol is performed by the device and after the protocol is finished, the tray with the purified samples will be moved out after pressing [NEXT] and the message 'Program finished' is shown on the screen of the device!

---

7. Remove the sample tray from the adapter of the InnuPure® C16 and place it back into the priming station.
  8. After finishing the extraction protocol, the Elution Tubes contain the extracted DNA or RNA. Close the lids and store the DNA under proper conditions.
- 

### NOTE

Store DNA and RNA under adequate conditions. We recommend storing the extracted DNA at -22 °C to -18 °C!

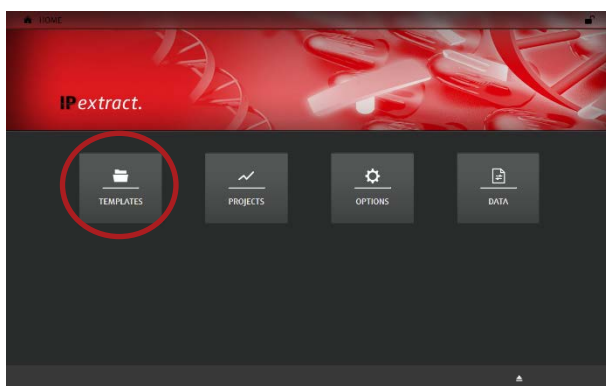
---

## 12.4 Starting the InnuPure® C16 touch

### NOTE

The following instructions describe the necessary steps for the start of the InnuPure® C16 *touch*. For further features and data entry (e.g. opening templates, entering sample setups, saving projects) refer to the manual of the InnuPure® C16 *touch*.

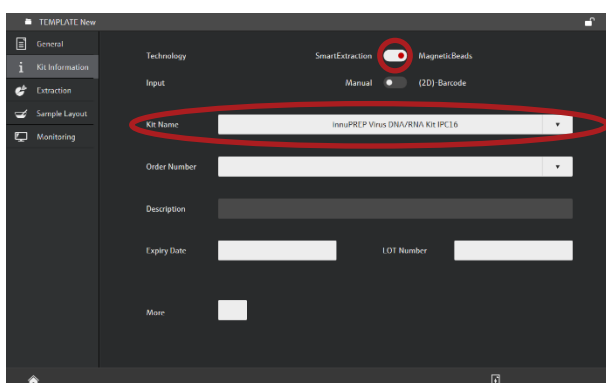
1. Switch on the InnuPure® C16 *touch* and the tablet computer. Wait until the home screen of IPextract is displayed on the tablet screen.



### NOTE

Home screen of IPextract

2. Choose [TEMPLATES]→[New Template]→[Kit-based].
3. Enter optional information in the tab "General".
4. Choose the tab "Kit Information" and switch the "Technology" to "MagneticBeads".
5. Choose your desired kit from "Kit Name".



### NOTE

"Kit Information" tab

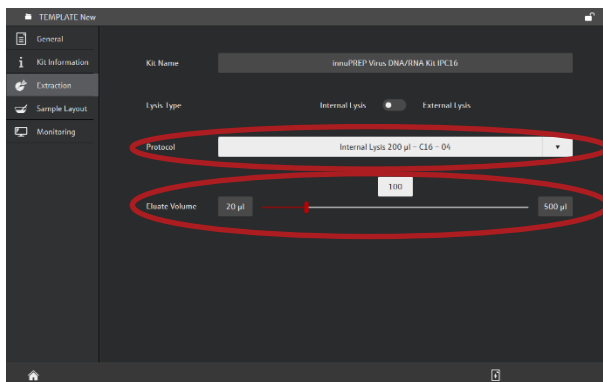
## Automated extraction using InnuPure® C16 / C16 touch

---

6. Enter optional information in the tab “Kit Information”
7. Choose the tab “Extraction” and choose the desired “Protocol”

Extraction procedure	Protocol on InnuPure®C16 touch
<b>Standard</b> (maximum yield, approx. 52 minutes)	External Lysis 200 µl - 05
<b>Fast</b> (time-optimized, approx. 41 minutes)	External Lysis 200 µl - Fast - 05

8. Adjust your desired “Eluate Volume” using the slider or the text field.



---

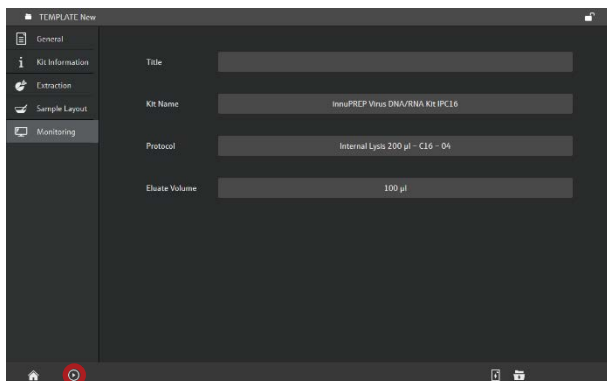
### NOTE

“Extraction” tab

The recommended elution volume is **150–200 µl**.

---

9. Choose the tab “Monitoring” and start the protocol by tapping the start button.



---

**NOTE**  
“Monitoring” tab

---

10. Follow the instructions displayed on the tablet screen.
11. Completion of the protocol is indicated by a message on the tablet screen. Follow the instructions on the screen to remove the sample tray from the device.
12. The Elution Tubes contain the extracted DNA or RNA. Close the lids and store the DNA under proper conditions.

---

**NOTE**

Store the DNA and RNA under adequate conditions. We recommend storing the extracted DNA at -22 °C to -18 °C!

---

## 13 Troubleshooting

Problem / probable cause	Comments and suggestions
<b>Low amount of extracted DNA</b>	
Insufficient lysis of starting material	Ensure to use the required volume of <b>Proteinase K</b> and amount of <b>Lysis solution CBV</b> .
Eluate volume too high	Decrease the eluate volume. The suggested eluate volume is 150–200 µl. Please note that lowering the eluate volume will not necessarily increase the yield proportionally!
Inadequate extraction	Inhibiting substances in starting material. Please use the kit only for samples that match the requirements declared in “Product specifications”.

## 14 Related Products

Name	Amount	Order No.
<b>Detection of Internal Control DNA</b>		
innuDETECT Internal Control DNA Assay	100 rxn	845-ID-0006100
<b>Nucleic Acid Purification</b>		
innuPREP Proteinase K	6 mg	845-CH-0010006
	30 mg	845-CH-0010030
blackPREP Food DNA I Kit	25 rxn	845-BP-3200025
blackPREP Food DNA II Kit	10 rxn	845-BP-7100010
	50 rxn	845-BP-7100050
	250 rxn	845-BP-7100250
innuAMP Food DNA Test	25 rxn	845-IA-2007025
PME Gelatin DNA Kit	10 rxn	845-IR-0007010
	50 rxn	845-IR-0007010
<b>Food quality control: microbiology</b>		
innuDETECT Salmonella enterica Assay	24 rxn	845-IDF-0023024
	96 rxn	845-IDF-0023096
<b>Food quality control: authenticity testing</b>		
innuDETECT Halal Multiplex Assay	24 rxn	845-IDF-0130024
	96 rxn	845-IDF-0130096
innuDETECT Beef Assay	24 rxn	845-IDF-0020024
	96 rxn	845-IDF-0020096
<b>Products for PCR &amp; Electrophoresis</b>		
innuTaq Hot-A DNA Polymerase	500 U	845-EZ-3000500
innuMIX Standard PCR MasterMix	100 rxn	845-AS-1700100
	200 rxn	845-AS-1700200
innuDRY qPCR MasterMix Probe	100 rxn	845-AS-1900100
	200 rxn	845-AS-1900200
innuMIX Green PCR MasterMix	100 rxn	845-AS-1400100
	200 rxn	845-AS-1400200





#### Headquarters

---

Analytik Jena AG  
Konrad-Zuse-Str. 1  
07745 Jena · Germany

Phone +49 3641 77 70  
Fax +49 3641 77 9279  
info@analytik-jena.com  
www.analytik-jena.com

Pictures: Analytik Jena AG  
Subject to changes in design and scope of delivery as well as further technical development!