

## NucleoSpin® Forensic Filters

### 1 Contents

NucleoSpin® Forensic Filters			
REF	740988.10	740988.50	740988.250
NucleoSpin® Forensic Filters (plus Collection Tubes 2 mL)	10	50	250

### 2 Product description

NucleoSpin® Forensic Filters are special semi-permeable baskets to facilitate the lysis of trace amounts of sample on solid carriers (e.g., swabs, denim) and the separation of lysate from the carrier. Lysis buffer and sample are retained in the filter during incubation without buffer running through. For separation, the lysate is simply centrifuged through the semi-permeable basket bottom and collected in a tube with lid for further analysis or storage. Hence any manual transfer of sample carrier into or out of the lysis buffer can be avoided and risks of cross-contamination or loss of lysate are minimized.

### 3 Specifications

- The NucleoSpin® Forensic Filters conveniently hold up to 800 µL of sample and lysis buffer.
- The filters retain all kinds of lysis buffer even with high concentrations of detergents.
- Samples can be incubated at high temperature (e.g., 56 °C), with shaking, and even overnight without buffer leakage.
- The special design and material minimizes loss of DNA caused by unspecific binding to the plastics.
- The NucleoSpin® Forensic Filters are tested RNase- and DNase-free and are ethylene oxide treated to be free of any amplifiable DNA.

### 4 Instructions for use

- 1 Remove a NucleoSpin® Forensic Filter together with the collection tube from the blister.
- 2 Put the sample into the filter.
- 3 Add lysis buffer to the sample and make sure not to exceed a total volume of 800 µL.
- 4 Incubate the sample as necessary (e.g., 56 °C overnight).
- 5 Centrifuge the NucleoSpin Forensic Filter at > 10,000 x *g* for at least 1 min. Depending on the sample and lysis buffer higher centrifugation speed and time might be necessary.
- 6 Remove and discard the filter containing the solid sample carrier or put it in a new collection tube with lid for storage.
- 7 Use the lysate flow-through for further DNA analysis or DNA purification.

### 5 Product use restriction / warranty

NucleoSpin® Forensic Filters are developed, designed, and sold for research purpose only.

All goods have to be checked immediately upon receipt. Damage claims are only acceptable in writing within 8 working days of receipt of all the goods. In case of legitimate claims the buyer can only require replacement of the goods. If replacement is not possible, the buyer has the right to choose between alternative products with same value or refund. The buyer cannot claim further compensation. All returns must first be authorized by us in writing. We offer a one year warranty from date of delivery that our products will conform to applicable specifications set forth in the product specifications if not sold to persons set forth in § 13 of German Civil Code. In such a case, the provisions of the German Civil Code shall be valid.

This warranty does not cover defects in or damage to the products which are due to improper installation or maintenance, misuse, neglect or any use other than ordinary commercial application.

Any discharge from liability will be void if a defect results from a heavily negligent or intentional breach of contract or if the buyer will be bodily injured as a result from a negligent or intentional breach.

The seller shall not be liable for the goods being fit for a particular purpose unless otherwise agreed upon, to which the buyer intends to put them.

This warranty is strictly exclusive. Any further damage compensation is impossible.

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