

## Buffer NTC

### 1 Contents

|                 |                   |
|-----------------|-------------------|
| <b>Cat. No.</b> | <b>740654.100</b> |
| Buffer NTC      | 100 ml            |

### 2 Product description

Buffer NTC upgrades the NucleoSpin<sup>®</sup> Extract II kits to purify short single stranded DNA fragments. For this application Buffer NTC completely replaces Buffer NT from the NucleoSpin<sup>®</sup> Extract II kits.

### 3 Storage conditions

Buffer NTC can be stored at room temperature (20-25°C) and is stable up to one year.

### 4 Safety Instructions – risk and safety phrases

Buffer NTC contains hazardous contents. Wear gloves and goggles!

| Buffer | Hazard Contents       | Hazard Symbol   | Risk Phrases  | Safety Phrases |
|--------|-----------------------|---|---------------|----------------|
| NTC    | Potassium thiocyanate |  Xn* | R 20/21/22-32 | S 13           |

#### Risk Phrases

R 20/21/22 Harmful by inhalation, in contact with the skin and if swallowed

R 32 Contact with acids liberates very toxic gas

#### Safety Phrases

S 13 Keep away from food, drink and animal feedstuffs

\* Label not necessary, if quantity below 125 g or ml (according to 67/548/EEC Art. 25, 1999/45/EC Art. 12 and German GefStoffV § 42 an TRGS 200 7.1)

## 5 Protocols

Purification of single stranded DNA using NucleoSpin<sup>®</sup> Extract II and Buffer NTC.

### 1 Adjust DNA binding conditions

Mix 1 volume of sample with 2 volumes of Buffer NTC (e.g. 100 µl PCR reaction mix and 200 µl NTC)

*If your sample contains large amounts of detergents or other critical substances, double the volume of NTC.*

### 2 Bind DNA

Continue with step 2 of the NucleoSpin<sup>®</sup> Extract II protocol for direct purification of PCR products (section 6 of the NucleoSpin<sup>®</sup> Extract II User Manual).

## 6 Ordering information

| Product                            | Cat. No.   | Pack of |
|------------------------------------|------------|---------|
| NucleoSpin <sup>®</sup> Extract II | 740609.10  | 10      |
| NucleoSpin <sup>®</sup> Extract II | 740609.50  | 50      |
| NucleoSpin <sup>®</sup> Extract II | 740609.250 | 250     |
| Buffer NTC                         | 740654.100 | 100 ml  |

## 7 Service Bioanalysis

Technical support and customer service

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