

## RNase A

### 1 Contents

RNase A		
REF	740505	740505.50
RNase A (lyophilized)	100 mg	50 mg

### 2 Product description

The RNase A is primarily intended to be used with NucleoSpin® and NucleoBond® kits. See individual protocols for detailed information.

However, if the RNase A is used for another than the recommended purpose performance may differ considerably from its expected one.

### 3 RNase A specifications

- Source:** Bovine pancreas  
**Form:** 100 mg / or 50 mg white freeze-dried material  
**DNase activity:** Not detectable if used in above mentioned kits

### 4 Storage conditions and preparation of working solution

Lyophilized RNase A can be stored at room temperature (18–25 °C) for at least one year.

A: Dissolved in water: Store the RNase A solution at 4 °C for up to 3 months. For longer storage, the RNase A solution should be divided into small aliquots and stored at -20 °C.

B: Dissolved in Resuspension Buffer A1/S1/S1-EF/RES/RES-EF/RES-BAC: Buffer containing RNase A can be stored at 4 °C for at least 6 months.


RNase A		
REF	740505	740505.50
RNase A (lyophilized)	100 mg	50 mg
	Dissolve in H <sub>2</sub> O or directly in Resuspension Buffer A1 / S1 / S1-EF / RES / RES-EF / RES-BAC*	

\* Please refer to the individual protocols for detailed information.

## 5 Safety instructions

RNase A contains hazardous contents. Wear gloves and goggles!

### 5.1 Risk and safety phrases

Component	Hazard contents	Hazard symbol	Risk phrases	Safety phrases
Inhalt	Gefahrstoff	Gefahrstoffsymbol	R-Sätze	S-Sätze
RNase A	RNase A, lyophilized <i>RNase A, lyophilisiert</i>	 Xn	R 42/43	S 22-24

#### Risk phrases

R 42/43 Irritating to eyes, respiratory system, and skin.  
*Reizt die Augen, Atmungsorgane und die Haut.*

#### Safety phrases


S 22 Do not breathe dust.  
*Staub nicht einatmen.*

S 24 Avoid contact with the skin.  
*Berührung mit der Haut vermeiden.*

### 5.2 GHS classification

Only harmful features must not be labeled with H and P phrases until 125 mL or 125 g.

*Mindergefährliche Eigenschaften müssen bis 125 mL oder 125 g nicht mit H- und P-Sätzen gekennzeichnet werden.*

Component	Hazard contents	GHS symbol	Hazard phrases	Precaution phrases
Inhalt	Gefahrstoff	GHS Symbol	H-Sätze	P-Sätze
RNaseA	RNase A, lyophilized  <i>RNase A lyophilisiert</i>	 Danger <i>Gefahr</i>	317-334	261, 280, 302+352, 304+341, 333+313, 342+311, 363

#### Hazard phrases

H 317 May cause an allergic skin reaction.  
*Kann allergische Hautreaktionen verursachen.*

H 334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
*Kann bei Einatmen Allergie, asthmaartige Symptome oder Atembeschwerden verursachen.*

#### Precaution phrases

P 261 Avoid breathing dust.  
*Einatmen von Staub vermeiden.*

P 280 Wear protective gloves/eye protection.  
*Schutzhandschuhe/Augenschutz tragen.*

P 302+352 IF ON SKIN: Wash with plenty of soap and water.  
*Bei Berührung mit der Haut: Mit viel Wasser und Seife waschen.*

P 304+341 IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.  
*BEI EINATMEN: Bei Atembeschwerden an die frische Luft bringen und in einer Position ruhigstellen, die das Atmen erleichtert.*

P 333+313 If skin irritation occurs: Get medical advice/attention.  
*Bei Hautreizung: Ärztlichen Rat einholen/ärztliche Hilfe hinzuziehen.*

P 342+311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.  
*Bei Symptomen der Atemwege: GIFTINFORMATIONSZENTRUM oder Arzt anrufen.*

P 363 Wash contaminated clothing before reuse.  
*Kontaminierte Kleidung vor erneutem Tragen waschen.*

For further information please see Material Safety Data Sheets ([www.mn-net.com](http://www.mn-net.com)).

*Weiterführende Informationen finden Sie in den Sicherheitsdatenblättern ([www.mn-net.com](http://www.mn-net.com)).*