

Liquid RNase A

1 Contents

Liquid RNase A	
REF	740397
Liquid RNase A	2 x 1.25 mL

2 Product description

The Liquid RNase A is primarily intended to be used with NucleoSpin® and NucleoBond® kits and has the same specifications as the enzyme provided with all MACHEREY-NAGEL products.

See individual kit protocols for detailed information and dilute the enzyme as necessary.

3 RNase A specifications

- Source:** Bovine pancreas
Form: 2 x 1.25 mL enzyme solution
Concentration: 100 mg/mL
Activity: 120 U/mg, 12.000 U/mL, 30.000 U
DNase activity: Not detectable if used according to the MACHEREY-NAGEL kit protocols

4 Storage conditions

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

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
Liquid RNase A	RNase A RNase A	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 need not be labeled with H and P phrases up to 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
Liquid RNase A	RNase A RNase A	 DANGER Gefahr	317-334	261, 280, 302+352, 304+341, 333+313, 342+311, 362

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 362 Take off contaminated clothing.
Kontaminierte Kleidung ausziehen.

For further information please see Material Safety Data Sheets (www.mn-net.com).

Weiterführende Informationen finden Sie in den Sicherheitsdatenblättern (www.mn-net.com).

The symbol shown on labels refers to the precaution phrases of this section.

Das auf Etiketten dargestellte Symbol weist auf die P-Sätzen dieses Kapitels hin.

6 Product use restriction/warranty

Liquid RNase A is 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.

MACHEREY-NAGEL MAKES no other warranty of any kind whatsoever, and SPECIFICALLY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES OF ANY KIND OR NATURE WHATSOEVER; DIRECTLY OR INDIRECTLY; EXPRESS OR IMPLIED; INCLUDING; WITHOUT LIMITATION; AS TO THE SUITABILITY; REPRODUCIBILITY; DURABILITY; FITNESS FOR A PARTICULAR PURPOSE OR USE; MERCHANTABILITY; CONDITION; OR ANY OTHER MATTER WITH RESPECT TO MACHEREY-NAGEL PRODUCTS OR THE SALE OF MACHEREY-NAGEL PRODUCTS.

If not superseded by these terms the current terms and conditions for the sale of goods (export version) are additionally valid.