

Protino® Columns



Protino® Columns 14 mL **745250.10**

Protino® Columns 35 mL **745255.10**

Dear valued customer,

Thank you for choosing MACHEREY-NAGEL for your application.

This product is for research use only.

Important information regarding product components, specifications, safety instructions, and processing protocols, can all be found on the product website and accessed easily via the QR code.

[QR-Code product website](#)



[qr.mn-net.com/qr/\(241\)745250](http://qr.mn-net.com/qr/(241)745250)

Product description

Protino® Columns are gravity-flow chromatography columns with an inserted filter frit of 50 µm pore size. They can be used for retaining, for example, Protino® Ni-TED / IDA-Resin, Ni-NTA Agarose or Protino® Glutathione Agarose 4B (see ordering information of the respective Protino® user manual). The package includes separate filter frits for covering the resin after pouring it into the columns. The upper frit leads to optimal flow rates and prevents the columns from running dry.

Specifications

Column material:	Polypropylene
Filter frit material:	Polyethylene
Filter frit pore size:	approx. 50 µm
Filter frit diameter:	Protino® Columns 14 mL: 15.9 mm Protino® Columns 35 mL: 21.7 mm
Max. volume	Protino® Columns 14 mL: 14 mL Protino® Columns 35 mL: 35 mL

Safety instructions

When working with this product, wear suitable protective clothing (e.g., lab coat, disposable gloves, and protective goggles).

QR-Code Safety Data Sheet

Please find a digital version of the safety data sheets by following the link below:



www.mn-net.com/sds

Product use restriction / warranty

All MACHEREY-NAGEL products are designed for their intended use only. They are not intended to be used for any other purpose. The description of the intended use of the products can be found in the original MACHEREY-NAGEL product leaflets. Before using our products, please observe the instructions for use and the safety instructions from the respective Material Safety Data Sheet of the product.

This MACHEREY-NAGEL product is carrying documentation stating specifications and other technical information. MACHEREY-NAGEL warrants to meet the stated specifications. The provided warranty is limited to the data specifications

and descriptions as given in the original MACHEREY-NAGEL literature. No other statements or representations, written or oral, by MACHEREY-NAGEL's employees, agents or representatives, except written statements signed by a duly authorized officer of MACHEREY-NAGEL are authorized. They should not be relied upon by the costumer and are not a part of a contract of sale or of this warranty.

Liability for all possible damages that occur in any connection with our products is limited to the utmost minimum as stated in the general business terms and conditions of MACHEREY-NAGEL in their latest edition which can be taken from the company's website. MACHEREY-NAGEL does not assume any further warranty.

Products and their application are subject to change. Therefore, please contact our Technical Service Team for the latest information on MACHEREY-NAGEL products. You may also contact your local distributor for general scientific information. Descriptions in MACHEREY-NAGEL literature are provided for informational purposes only.

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