

Capturem™ Pepsin Miniprep Kit

Catalog No.

635728

Amount

20 rxns

Lot Number

Specified on product label.

Description

Capturem Pepsin was developed for rapid and efficient digestion of antibodies with a three-minute, room-temperature workflow designed for downstream proteomics analysis. Our novel Capturem technology provides membrane-immobilized pepsin in a mini spin column format. This kit contains Capturem Pepsin mini spin columns and an activation buffer.

Package Contents

- 20 Capturem Pepsin Miniprep Columns
- 5 ml Capturem Pepsin 1X Activation Buffer (5% Formic Acid)

Storage Conditions

- Room temperature

Shelf Life

- 1 year from date of receipt under proper storage conditions.

Shipping Conditions

- Room temperature

Product Documents

Documents for our products are available for download at takarabio.com/manuals

The following documents apply to this product:

- Capturem Pepsin Miniprep Kit Protocol-at-a-Glance

Quality Control Data

Capturem Pepsin Miniprep Columns proteolytic activity was tested using bovine γ -globulins. First, a Capturem Pepsin Miniprep Column was activated using Activation Buffer as described in the Capturem Pepsin Miniprep Kit Protocol-at-a-Glance. A solution of 50 μ g of bovine γ -globulins in 200 μ l of 5% formic acid was passed through the column. The digested bovine γ -globulin sample was resolved by gel electrophoresis using a stain-free gel and then imaged on the Bio-Rad Chemidoc Touch System. Densitometric analysis was performed using Image Lab Software. Input bovine γ -globulins showed strong intensity bands at 25 and 50 kDa, corresponding to the light and heavy chains, respectively. The digested bovine γ -globulin samples showed very faint bands or no bands. The relative quantification value for a 50-kDa band corresponding to the heavy chain from bovine γ -globulins in digested samples was observed to be less than 0.2 in comparison to a reference value of 1 for an equal amount of input bovine γ -globulins.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department.

Takara Bio USA, Inc.

1290 Terra Bella Avenue, Mountain View, CA 94043, USA

U.S. Technical Support: techUS@takarabio.comUnited States/Canada
800.662.2566
(110118)Asia Pacific
+1.650.919.7300Europe
+33.(0)1.3904.6880Japan
+81.(0)77.565.6999

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NOTICE TO PURCHASER:

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STATEMENT 273

This product is covered by U.S. Patent Nos. 9,459,188 and/or 10,207,229, exclusively licensed to Takara Bio USA, Inc.

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U.S. Technical Support: techUS@takarabio.com

United States/Canada

800.662.2566

Asia Pacific

+1.650.919.7300

Europe

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Japan

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