

Capturem™ Trypsin Miniprep Kit

Catalog No.
635722

Amount
20 rxns

Lot Number
Specified on product label.

Description

Capturem Trypsin Miniprep Kit enables rapid and efficient digestion of proteins at room temperature, allowing for an uninterrupted proteomics analysis workflow. This product, based on our novel Capturem technology, provides membrane-immobilized trypsin in a mini-spin column format. Capturem Trypsin completely digests protein samples in less than 2 minutes, with better digestion efficiency than in-solution protein digestion and a minimal amount of autolyzed trypsin fragments. Capturem Trypsin Miniprep Kit includes Capturem Trypsin mini-spin columns and an activation buffer.

Package Contents

- 20 Capturem Trypsin Miniprep Columns
- 5 ml Capturem 1X Activation Buffer

Storage Conditions

- Store at 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 Trypsin Miniprep Kit Protocol-At-A-Glance

Quality Control Data

The proteolytic activity of Capturem Trypsin Miniprep Columns were tested using apomyoglobin, as described in the Capturem Trypsin Miniprep Kit Protocol-At-A-Glance. After a Capturem Trypsin Miniprep Column was activated using Capturem 1X Activation Buffer, a protein sample containing 80 µg of apomyoglobin dissolved in 200 µl of 10 mM ammonium bicarbonate buffer (pH 8.0) was passed through the column. The digested apomyoglobin sample was analyzed by gel electrophoresis using a stain-free gel that was imaged on a BioRad Chemidoc Touch Imaging System, and densitometric analysis was performed using Image Lab Software. The original undigested apomyoglobin sample displayed an intense band at 17 kDa, while the digested apomyoglobin samples showed a very faint band or no band at this position. The relative quantification value for the band corresponding to apomyoglobin in the digested samples was observed to be less than 0.2, compared to a reference value of 1 for an equal amount of the original undigested apomyoglobin sample.

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

Takara Bio USA, Inc.

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NOTICE TO PURCHASER:

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STATEMENT 347

This product is protected by U.S. Patent 9,895,665 and/or additional U.S. and foreign patents pending. For further license information, please contact a Takara Bio USA licensing representative by email at licensing@takarabio.com.

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