Certificate of Analysis

Capturem™ Trypsin Miniprep Kit (Mass Spectrometry Grade)

Catalog No.	Amount	Lot Number
635740	20 rxns	Specified on product label.

Description

Capturem Trypsin Miniprep Kit (Mass Spectrometry Grade) enables rapid and efficient digestion of proteins, including antibodies, at room temperature. This kit uses our Capturem technology with membrane-immobilized trypsin from porcine pancreas that has been modified by reductive methylation to increase its stability and resistance to autolytic digestion. Capturem Trypsin-mediated digestion of protein samples takes less than 4 minutes. The kit includes 20 Capturem Trypsin mini-spin columns and an activation buffer.

Package Contents

- 20 Capturem Trypsin Miniprep Columns
- 5 ml Capturem Trypsin 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 (Mass Spectrometry Grade) Protocol-At-A-Glance

Quality Control Data

The proteolytic activity of Capturem Trypsin Miniprep Columns was tested using apomyoglobin and centrifugation. After a Miniprep Column was activated using Capturem Trypsin 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.

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Notice to Purchaser

Capturem™ Trypsin Miniprep Kit (Mass Spectrometry Grade)

CATALOG NO.

635740

NOTICE TO PURCHASER:

Our products are to be used for **Research Use Only**. They may not be used for any other purpose, including, but not limited to, use in humans, therapeutic or diagnostic use, or commercial use of any kind. Our products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without our prior written approval.

Your use of this product is also subject to compliance with the licensing requirements, listed below if applicable, and described on the product´s web page at http://www.takarabio.com. It is your responsibility to review, understand and adhere to any restrictions imposed by these statements.

STATEMENT 347

This product is protected by U.S. Patents 9,895,665, 10,195,569 and foreign counterparts 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.

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.

TRADEMARKS:

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