Certificate of Analysis

Capturem™ His-Tagged Purification 24-Well Plate

Catalog No.	Amount	Lot Number
635730	1 plate	Specified on product label.

Description

The Capturem His-Tagged Purification 24-Well Plate is a single-use, disposable 24-well plate for simple, rapid purification of his-tagged proteins expressed in mammalian or bacterial cell samples from up to 4.5 ml of clarified lysate per well, using either vacuum filtration or centrifugation. This plate is suitable for use under native or denaturing conditions and in the presence of additives such as DTT (up to 10 mM), βME (up to 30 mM), TCEP (up to 5 mM), EDTA (up to 10 mM), or glycerol (up to 10%). The Capturem His-Tagged Purification 24-Well Plate is compatible with automated liquid handlers equipped with vacuum filtration or centrifuges equipped with appropriate plate holders.

Package Contents

- 1 Capturem His-Tagged Purification 24-Well Plate

Storage Conditions

- Store plate 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 His-Tagged Purification 24-Well Plate Protocol-At-A-Glance

Quality Control Data

The Capturem His-Tagged Purification 24-Well Plate was tested using his-tagged GFPuv lysate and the buffers described in the Capturem His-Tagged Purification 24-Well Plate Protocol-At-A-Glance (Protocol B: Protein Purification Using Centrifugation). The plate was equilibrated with 2 ml of Lysis Buffer and centrifuged at 600*g* for 2 min at room temperature. Wells were loaded with 2 ml of filtered, clarified lysate (prepared according to the xTractor™ Buffer & xTractor Buffer Kit User Manual) and centrifuged at 600*g* for 2 min at room temperature. Wells were washed with 2 ml of Wash Buffer per well, and bound protein was then eluted with 500 µl of Elution Buffer per well by centrifugation at 600*g* for 2 min at room temperature. The eluted fractions were analyzed by electrophoresis on a 4–20% SDS polyacrylamide gel to verify the purity of the eluted protein. The expected ~29 kDa band (corresponding to his-tagged GFPuv) was observed.

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.com

United States/Canada 800.662.2566
Asia Pacific +1.650.919.7300
Europe +33.(0)1.3904.6880
Japan +81.(0)77.565.6999

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Notice to Purchaser

Capturem™ His-Tagged Purification 24-Well Plate

CATALOG NO.

635730

NOTICE TO PURCHASER:

Our products are to be used for research purposes only. They may not be used for any other purpose, including, but not limited to, use in drugs, in vitro diagnostic purposes, therapeutics, or in humans. 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 prior written approval of Takara Bio USA, Inc.

Your use of this product is also subject to compliance with the licensing requirements listed below 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. 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.

STATEMENT 273

This product is covered by U.S. Patent No. 9459188 and/or pending U.S. Patent Application 15/251,628, exclusively licensed to Takara Bio USA, Inc.

TRADEMARKS:

Takara Bio USA, Inc.
1290 Terra Bella Avenue, Mountain View, CA 94043, USA
U.S. Technical Support: techUS@takarabio.com

United States/Canada	Asia Pacific	Europe	Japan
800.662.2566	+1.650.919.7300	+33.(0)1.3904.6880	+81.(0)77.565.6999

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