

## GST Purification Kit

**Catalog No.**  
635619

**Amount**  
Each

**Lot Number**  
Specified on product label.

### Description

The Glutathione S-Transferase (GST) Purification Kit contains sufficient buffers and Glutathione-Superflow Columns for performing five batch/gravity-flow purifications. Up to 10 mg per prep of GST-tagged recombinant proteins can be purified using this kit.

### Package Contents

- 5 Glutathione-Superflow Columns
- 20 ml 10X Extraction/Loading Buffer
- 50 ml 1X Elution Buffer
- 5 x 100 mg Glutathione

### Storage Conditions

- Store at 4°C.

### Expiration Date

- Specified on product label.

### Shipping Conditions

- Room temperature

### Product Documents

Documents for our products are available for download at [takarabio.com/manuals](http://takarabio.com/manuals)  
The following documents apply to this product:

- Glutathione Resin User Manual

### Quality Control Data

#### Glutathione S-transferase binding capacity

Each lot of Glutathione-Superflow Resin is guaranteed to have a glutathione S-transferase binding capacity of >5 mg/ml of settled resin.

#### Test conditions

A prepacked Glutathione-Superflow Column from the GST Purification Kit was equilibrated 4 times with 4 ml loading buffer. The resin was saturated with 3 ml of clarified cell extract from 0.5 g of cells containing GST. Nonadsorbed material was removed 4 times with 4 ml loading buffer. GST was eluted six times with 1 ml of elution buffer containing Glutathione (reduced). Protein purity was assessed by SDS-PAGE. One strong band at 27 kDa was evident in one or more of the lanes containing the eluted samples.

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

---

#### Takara Bio USA, Inc.

2560 Orchard Parkway, San Jose, CA 95131, USA

U.S. Technical Support: [technical\\_support@takarabio.com](mailto:technical_support@takarabio.com)

United States/Canada  
800.662.2566  
(071923)

Asia Pacific  
+1.650.919.7300

Europe  
+33.(0)1.3904.6880

Japan  
+81.(0)77.565.6999

## GST Purification Kit

### CATALOG NO.

635619

### 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.

### TRADEMARKS:

©2023 Takara Bio Inc. All Rights Reserved.

All trademarks are the property of Takara Bio Inc. or its affiliate(s) in the U.S. and/or other countries or their respective owners. Certain trademarks may not be registered in all jurisdictions.

---

#### Takara Bio USA, Inc.

2560 Orchard Parkway, San Jose, CA 95131, USA

U.S. Technical Support: [technical\\_support@takarabio.com](mailto:technical_support@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

7/19/2023