

# Certificate of Analysis

---

## Human Kidney Protein Medley

Catalog No.	Amount	Lot Number
635303	100 $\mu$ l	1708329A

### Description

An electrophoresis-ready solution of SDS-solubilized proteins prepared from normal tissue. Each tube of concentrate contains a specified concentration of protein isolated from whole tissue homogenates.

### Package Contents

- 100  $\mu$ l Protein Concentrate

### Storage Conditions

- Store at  $-70^{\circ}\text{C}$ .

### Form

- 10 mg/ml protein solution in Laemmli sample buffer (Laemmli 1970). (Determined by Bradford Assay using BSA as a standard).

### Concentration

- 10 mg/ml

### Source Information

- Normal, whole kidney from a 52-yr-old male; cause of death: sudden death

### Shelf Life

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

### Shipping Conditions

- Dry ice ( $-70^{\circ}\text{C}$ ).

### 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:

- Protein Medley User Manual (PT1602-1)

### References

Laemmli, U. K. Cleavage of structural proteins during the assembly of the head of bacteriophage T4. *Nature* **227**, 680–685 (1970).

Harlow, E. & Lane, D. *Using antibodies: a laboratory manual. Antibodies A Lab. Man. Illus.* (1988).

---

#### Takara Bio USA, Inc.

1290 Terra Bella Avenue, Mountain View, CA 94043, USA  
U.S. Technical Support: [techUS@takarabio.com](mailto:techUS@takarabio.com)

United States/Canada 800.662.2566 (091217)	Asia Pacific +1.650.919.7300	Europe +33.(0)1.3904.6880	Japan +81.(0)77.565.6999
--	---------------------------------	------------------------------	-----------------------------

## Quality Control Data

1. Gel analysis: A 1–2  $\mu$ l aliquot of the Protein Medley was run on a 15% SDS polyacrylamide gel, followed by staining with Coomassie blue R-250. Multiple sharp and well-resolved protein bands were observed. There were no smears indicative of degraded proteins.
2. Western analysis: A Western blot was prepared and probed with an anti-tubulin monoclonal antibody. The expected band at 50 kDa was observed via chemiluminescent detection.

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

## Human Kidney Protein Medley

### CATALOG NO.

635303

### 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.

### TRADEMARKS:

**©2017 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.

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

U.S. Technical Support: [techUS@takarabio.com](mailto: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

9/13/2017