

xTractor™ Buffer Kit

Catalog No.

635623

Amount

10 extractions

Lot Number

Specified on product label.

Description

xTractor Buffer is an optimized buffer system for extraction of proteins from fresh or frozen bacterial cells, mammalian cells, yeast cells, or baculovirus-infected cells. This buffer is useful in extracting proteins over a broad range of molecular weights, including high molecular weight proteins that cannot be extracted unless the membrane is fully disrupted. Lysozyme and DNase I are included to help disrupt membranes and to reduce solution viscosity, respectively. xTractor Buffer is compatible with all resins, allowing quick purification of his-tagged proteins. Sufficient buffer is provided for 10 extractions of 1 g cell pellets.

Package Contents

Package 1:

- 200 ml xTractor Buffer
- 2.5 ml 100X Lysozyme

Package 2:

- 400 µl DNase I (5 U/µl)

Storage Conditions

- **Package 1:** Store at 4°C.
- **Package 2:** Store at -20°C.

Expiration Date

- Specified on product label.

Shipping Conditions

- **Package 1:** Blue ice
- **Package 2:** Dry ice

Product Documents

Documents for our products are available for download at takarabio.com/manuals

The following documents apply to this product:

- xTractor Buffer & xTractor Buffer Kit User Manual
- xTractor Buffer Bacterial Sample Preparation Protocol-At-A-Glance
- xTractor Buffer Baculovirus Sample Preparation Protocol-At-A-Glance
- xTractor Buffer Mammalian Sample Preparation Protocol-At-A-Glance
- xTractor Buffer Yeast Sample Preparation Protocol-At-A-Glance

Quality Control Data

An *E. coli* cell pellet of approximately 1 g was collected. Total protein was then extracted according to the procedure in the User Manual. The total protein extracted (measured by BCA assay) was >6% of the cell pellet mass.

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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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.

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