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
Box 1:
- 200 ml xTractor Buffer
- 2.5 ml 100X Lysozyme

Box 2:
- 400 µl DNase I (5 U/µl)

Storage Conditions
- Store DNase I at –20°C.
- Store xTractor Buffer and Lysozyme at 4°C.

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

Shipping Conditions
- Box 1: Blue ice (4°C)
- Box 2: Dry ice (–70°C)

Product Documents
Documents for Clontech® products are available for download at www.clontech.com/manuals.
The following documents apply to this product:
- xTractor Buffer & xTractor Buffer Kit User Manual (PT3735-1)
- xTractor Buffer Bacterial Sample Preparation Protocol (PT3735-2)

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 [Lowry]) was greater than 6% of the cell pellet mass.
Notice to Purchaser

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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 Clontech Laboratories, 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.clontech.com. It is your responsibility to review, understand and adhere to any restrictions imposed by these statements.

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