
Technical Information

Products for Cell Biology

ENZ-FREE

Catalog #:	118-094-721 4x100ml, 100 ml
Store at:	15 to 30°C
Shipped at:	ambient temperature
pH:	7.4 ± 0.2
Osmolality:	310 ± 5% mOsm/Kg H ₂ O

DESCRIPTION

Quality Biological's (QBI) ENZ-FREE is a proprietary, non-enzymatic solution specially formulated for the non-destructive detachment of adherent cells from culture vessel surfaces. This reagent is prepared with Dulbecco's Phosphate Buffered Saline (D-PBS) without calcium and magnesium.

APPLICATIONS

- Serum-containing cell culture systems
- Serum-free cell culture systems
- Protein-free cell culture systems

PROCEDURE

1. Warm the ENZ-FREE to 37°C.
2. Aspirate the medium from the culture vessel. Rinse the cells with calcium and magnesium free PBS.
3. Allow the cells to bathe in the balanced salt solution for 30-60 seconds. Remove the buffer by aspiration.
4. Add 1-2 ml ENZ-FREE per 25 cm² of surface area and rock the vessel to completely coat the cells. After 10 to 20 minutes, the cells should have rounded up and can be removed by firmly tapping the container.

Caution

Prolonged exposure of a culture to ENZ-FREE may be deleterious to the cells. Therefore, carefully monitor step # 4.

QUALITY CONTROL

General

The quality of a product is insured through the establishment of standards for the selection of the materials used in its manufacture coupled with the establishment of formal protocols for its production.

Quality Control testing is used to determine whether the finished product meets or exceeds the standards established for it.

Product Specific Testing

ENZ-FREE is routinely tested to verify that it meets product specifications for the following parameters:

- pH
- Osmolality Microbial
- Tested Cytotoxicity
- Tested Endotoxin
- Tested Performance
- Tested

RELATED PRODUCTS

1X Dulbecco's Phosphate Buffered Saline without Calcium & Magnesium, (D-PBS without Ca⁺⁺ & Mg⁺⁺)

Catalog #

114-057-101	500 ml
114-057-101CS	10x500ml 1000
114-057-131	ml (1.0 L)
114-057-131CS	10x1000ml
114-057-491	4 Liter
114-057-151	10 Liter

All products sold by Quality Biological, Inc. are intended for research use only. This product has not been approved for diagnostic or IVD use.

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