

## ENZ-FREE

<b>Catalog #:</b>	118-094-721	10 x 100mL
	118-094-721EA	100mL
<b>pH:</b>	7.4 ± 0.2	
<b>Osmolality:</b>	310 ± 5% mOSM/Kg H <sub>2</sub> O	
<b>Store at:</b>	15°C to 30°C	
<b>Shipped at:</b>	ambient temperature	

### 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 (DPBS) 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 cell 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 1-2mL of ENZ-FREE per 25cm<sup>2</sup> 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 a combination of careful selection of raw materials, proper manufacturing procedures, and diligent monitoring of each step.

Quality Control is used to determine whether each step in the manufacturing process has been properly carried out and the finished product meets or exceeds the standards established for it.

#### Product Specific Testing

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

- pH
- Osmolality
- Cytotoxicity
- Sterility
- Performance

### Related Products

#### 1X Dulbecco's Phosphate Buffered Saline without Calcium & Magnesium (1X DPS, without Ca<sup>2+</sup> & Mg<sup>2+</sup>)

Catalog #	114-057-101	500mL
	114-057-101VD	10 x 500mL
	114-057-131	1000mL
	114-057-491	4 Liters
	114-057-151	10 Liters

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