LT BIOTECH UAB
Mokslininkų g. 2,
LT-08412 Vilnius, Lithuania
www.ltbiotech.lt
info@ltbiotech.lt

Trypsin-EDTA (0.05 %) in HBSS (1x), with phenol red

General information

Trypsin-EDTA solutions are used to detach adherent cells from culture surfaces. They are composed of natural porcine pancreas-derived trypsin and EDTA. The addition of phenol red serves as pH indicator to adjust to the perfect cell culture conditions.

The concentration of trypsin necessary to dislodge cells from their substrate is dependent primarily on the cell type and the age of the culture. Various formulations should be tested to determine the best product for a specific application.

Product specifications

Appearance	Clear frozen liquid
Storage and shelf life	Store at ≤-15 °C. Avoid repeated freeze-thaw cycles. Preparation of aliquots recommended. Once opened, store at 4 °C and use within 2-4 weeks.
Shipping conditions	Frozen (Dry ice)
Thawing	+37 °C water bath or overnight at +2 °C to +8 °C. Swirl gently to homogenize.

LT BIOTECH UAB
Mokslininkų g. 2,
LT-08412 Vilnius, Lithuania
www.ltbiotech.lt
info@ltbiotech.lt

Formulation

Components	mg/l
EDTA 2Na 2H2O	180.00
D-Glucose	1000.00
KCl	400.00
$KH2PO_4$	60.00
NaCl	8000.00
NaHCO3	350.00
$Na2HPO_4$	48.00
Phenol red	10.00
Trypsin	2500.00

Precautions and disclaimer

This product is for research use only.

Ordering information

Catalogue number	Pack size
TRED2	100 ml

Document version: v1.0. Copyright © 2026 LT Biotech, UAB. All rights reserved. Any redistribution or reproduction of part or all the content in any form is prohibited without the express written permission of LT Biotech, UAB.