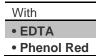
Description

Trypsin-EDTA is made from trypsin powder, an irradiated mixture of proteases derived from porcine pancreas. Due to its digestive strength, trypsin is widely used for cell dissociation, routine cell culture passaging, and primary tissue dissociation. The trypsin concentration required for dissociation varies with cell type and experimental requirements.

This trypsin solution is modified as follows:





Contents and Storage

Storage conditions: -5°C to -20°C Shipping conditions: Dry ice

Shelf life: 18 months from date of manufacture

Formulation

Components	Molecular Weight	Concentration (mg/L)	mM
Inorganic Salts			
Potassium Chloride (KCI)	75.0	400.0	5.3333335
Potassium Phosphate monobasic (KH2PO4)	136.0	60.0	0.44117647
Sodium Bicarbonate (NaHCO3)	84.0	350.0	4.1666665
Sodium Chloride (NaCl)	58.0	8000.0	137.93103
Sodium Phosphate dibasic (Na2HPO4-7H2O)	268.0	90.0	0.33582088
Other Components			
D-Glucose (Dextrose)	180.0	1000.0	5.555553
EDTA 4Na 2H2O	416.2	380.0	0.9130226
Phenol Red	398.0	10.0	0.025125628
Trypsin	23800.0	2500.0	0.10504202

Specifications

General Specifications

General Specifications

General Specifications

Chelators:	EDTA	
Phenol Red Indicator:	Phenol Red	
Classification:	Animal Origin	
Form:	Liquid	
pH Range:	7.2 - 8.0	
Osmolality:	270 - 320 mOsm/kg	
Concentrated:	1 X	
Product Size:	100 mL	
Reagent Type:	Trypsin	
Tests Performed:	In Vitro Bioassay	
Shipping Condition:	Dry Ice	
Regulatory Statement:	For Research Use or Further	
	Manufacturing. Not for use in	
	diagnostic procedures.	