

## Products For Adherent Cell Digestion

# TrypLUS Cell Dissociation Solution DMF Filed

A ready-to-use, animal-free original, stable and mild digestive solution, which can be stored at room temperature.

### Product Introduction

TrypLUS Cell Dissociation Solution is a trypsin-like enzyme with similar dissociation kinetics, higher stability, higher purity, milder digestion, and lower cytotoxicity compared to trypsin.

### Product Advantages

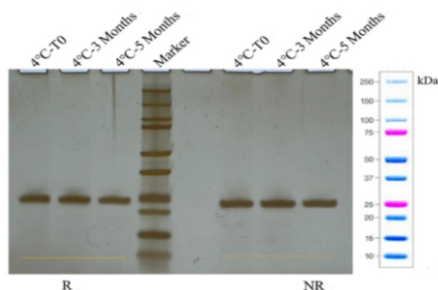
- Mild digestion providing better protection to cells
- Ready-to-use, stable at room temperature
- Non-animal origin, minimizing extraneous contamination
- Wide range of applications, suitable for serum and serum-free culture

### Product Application

Digestion and dissociation of tissue blocks, acquisition of primary cells, passage digestion and harvest of adherent cells, digestion and harvest of cells cultured by microcarrier methods

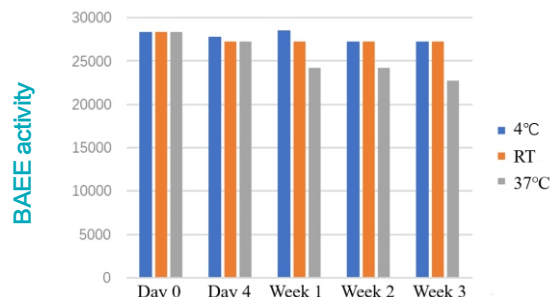
### Test Data

#### 4°C Stability test



Change in purity by SDS-PAGE at 4°C for 3 and 5 months

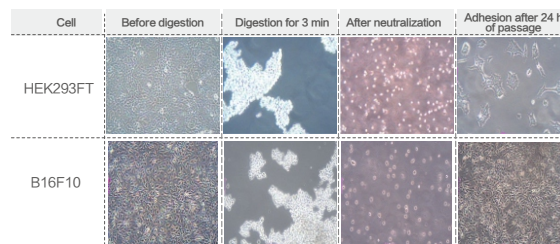
Protein purity tests by reduced (R) and non-reduced (NR) SDS-PAGE for TrypLUS Cell Dissociation Solution placed at 4°C for 5 months showed no degradation or aggregation.



Change in TrypLUS activity at different temperatures over three weeks

TrypLUS Cell Dissociation Solution can be stored at 4°C and room temperature for a long time, and 80% enzyme activity can be kept at 37°C for 1 week.

#### Cell digestion test



Digestion effect of TrypLUS Cell Dissociation Solution

HEK293FT and B16F10 were digested for 3 min by TrypLUS Cell Dissociation Solution, and the results showed good digestive performance and high cell viability.

### Order Options

Cat. No.	Grade	Name	Size
CYG016R0100	GMP Grade	TrypLUS Cell Dissociation Solution	100 ml
CYG016R0500	GMP Grade	TrypLUS Cell Dissociation Solution	500 ml
CY016R0100	RUO(Research Use Only) Grade	TrypLUS Cell Dissociation Solution	100 ml
CY016R0500	RUO(Research Use Only) Grade	TrypLUS Cell Dissociation Solution	500 ml
CYG020R0100	GMP Grade	TrypLUS Cell Dissociation Solution (10X)	100 ml
CYG020R0500	GMP Grade	TrypLUS Cell Dissociation Solution (10X)	500 ml
CY020R0100	RUO(Research Use Only) Grade	TrypLUS Cell Dissociation Solution (10X)	100 ml
CY020R0500	RUO(Research Use Only) Grade	TrypLUS Cell Dissociation Solution (10X)	500 ml