



TRYPLIBER DIGESTIVE FLUID (DMF FILED)

A ready-to-use, non-animal-derived trypsin-like enzyme dissociation reagent. It delivers dissociation kinetics comparable to conventional trypsin, while offering enhanced stability, higher purity, gentler digestion, and lower cytotoxicity. Conveniently stored at room temperature, it is specifically designed for adherent cell digestion and detection applications.

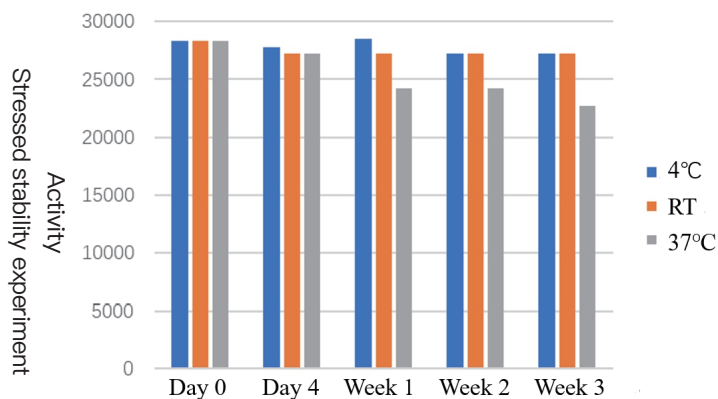
PRODUCT FEATURES

- Validated on 100+ cell types
- Gentle digestion with better protection
- Ready to use and stable at room temperature
- Non-animal derived- significantly reduces risk of foreign contamination
- Suitable for both serum-containing and serum-free culture systems

APPLICATION SCENARIOS

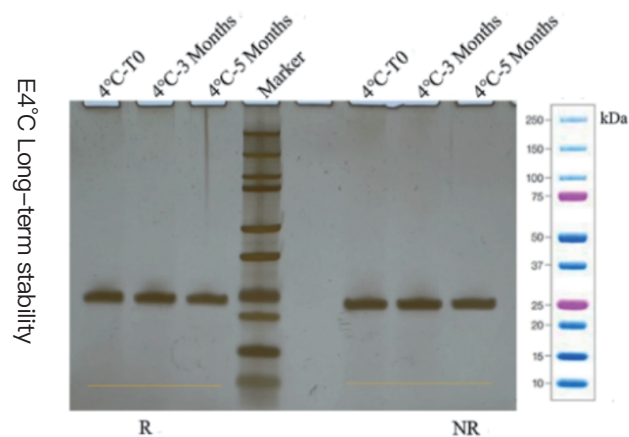
- Passaging and harvesting of adherent cells
- Digestion and harvesting of cells cultured on microcarriers

EXPERIMENTAL DATA



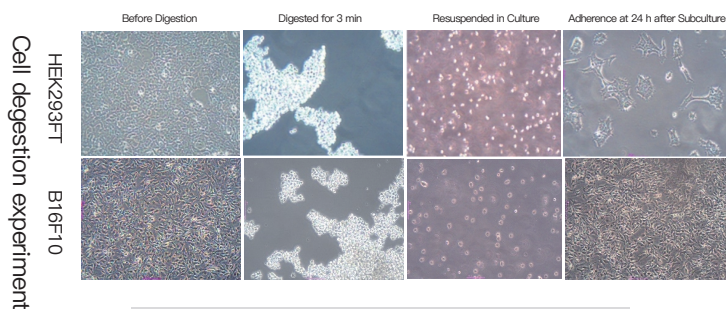
The TrypLiber activity changes at different temperature for 3 weeks

TrypLiber Digestive Solution can be stored for a long time at 4°C and room temperature, and it still retains 80% of its enzyme activity after being stored at 37°C for 1 week.



The purity changes of SDS – PAGE at 4°C for 3 months and 5 months.

During the 5 month storage of TrypLiber digestive fluid at 4°C, the purity test of reduced (R) and non – reduced (NR) SDS – PAGE protein gels showed no degradation or aggregation.



The digestion results of TrypLiber digestive fluid

After TrypLiber digestive fluid digests HEK293FT and B16F10 for 3 minutes, it has excellent digestion performance and high cell viability.

Property	Specification
Sequence Source	Fusarium oxysporum
External Appearance Term	Vivification
Molecular Weight	22.2 kDa
Purity	≥95%
Specific Activity*	≥27000 U/mg
Activity (BAEE)	≥250 U/mL
Endotoxin	<1 EU/mL
Sterility	Aseptic should be ensured
Optimal pH	7.0–7.4

ORDERING INFORMATION

Cat.No.	Level	Name	Specification
CS-TL-100	RUO Grade	TrypLiber Digestive Fluid (1X)	100mL
CS-TL-500	RUO Grade	TrypLiber Digestive Fluid (1X)	500mL
CS-GTL-100	GMP Grade	TrypLiber Digestive Fluid (1X)	100mL
CS-GTL-500	GMP Grade	TrypLiber Digestive Fluid (1X)	500mL
CS-TL-100-2	RUO Grade	TrypLiber Digestive Fluid (10X)	100mL
CS-GTL-100-2	GMP Grade	TrypLiber Digestive Fluid (10X)	100mL
CS-GTL-500-2	GMP Grade	TrypLiber Digestive Fluid (10X)	500mL