

Adherent cell digestion and detection products

TrypLUS Cell Dissociation Solution ELISA Kit

Product Introduction

TrypLUS Cell Dissociation Solution is a trypsin-like enzyme. It is commonly used for cell digestion in the development of stem cells, vaccines, and cell therapy drugs, and is mild to cells and easy to use. The necessity of additive detection during cell culture is clearly defined in regulations related to the production of biological products, so the residual detection of recombinant pancreatic enzymes and their analogues has also attracted increasing attention.

The TrypLUS cell dissociation solution ELISA Assay kit independently developed by Chaselection is a matching residue detection kit specifically developed for TrypLUS enzyme. The kit has high sensitivity and strong specificity, and can efficiently detect TrypLUS enzyme residues, fully supporting the development of biopharmaceuticals.

Product Features

- High sensitivity: detection limit is 0.6ng/ml

Strong specificity and good repeatability: within batch CV<10%
- Wide linear range: detection range 0.6–40 ng/mL

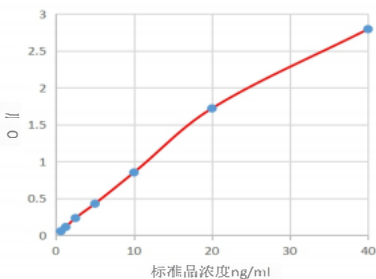
Strong compatibility: suitable for multiple recombinant pancreatic enzyme analogues

Application Scenario

Residual detection of recombinant trypsin analogues in biopharmaceutical research environments, industrial production processes, or product stock solutions

Experimental data

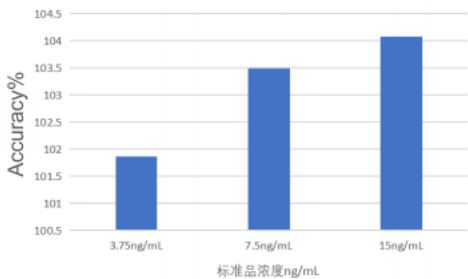
Standard curve



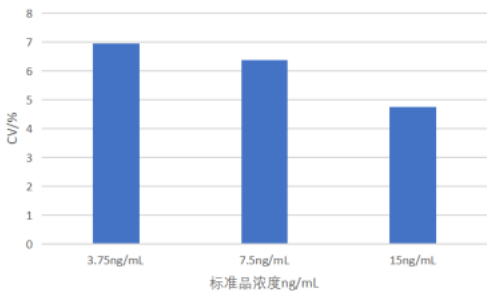
| 标准曲线 ng/ml | OD 值  |
|------------|-------|
| 40         | 2.794 |
| 20         | 1.719 |
| 10         | 0.850 |
| 5          | 0.426 |
| 2.5        | 0.231 |
| 1.25       | 0.110 |
| 0.625      | 0.053 |

The test results indicate that the detection range is 0.6–40 ng/mL, and the sensitivity is 0.6 ng/mL

Repeatability and precision testing



The test results indicate that the accuracy is between 80% and 120% at the three concentration points of high, medium, and low, and the test accuracy is good



The test results show that the precision (CV%) is below 10% at the three concentration points of high, medium, and low, indicating good testing precision

Order Options

| Cat No.   | Name   | Size       |
|-----------|--|------------|
| CY062RKIT | TrypLUS Cell Dissociation Solution ELISA Kit | 1KIT (96T) |