

# Pannarase Nuclease ELISA Detection Kit

A highly sensitive, stable and compatible nuclease residue assay kit

## Product Introduction

Pannarase Nuclease ELISA detection kit is specially designed for the detection of Pannarase nuclease residues. The direct coating of antibodies ensures the high sensitivity and detection stability. It can meet the requirements of nuclease residues in the purification process or final products.

## Product Advantages

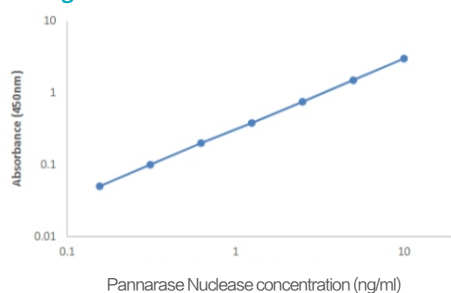
- Wide linear range
- Good accuracy and high precision
- Compatible with multiple brands of nucleases (like Benzonase)
- Good stability and repeatability

## Product Application

Widely used in nuclease residue detection of virus purification processes.

## Test Data

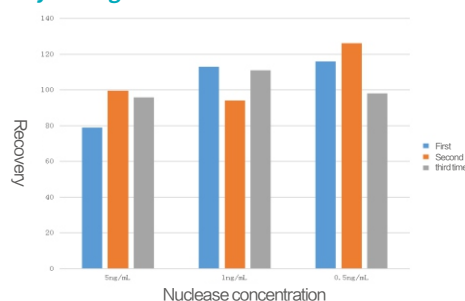
### 1. Linear range



Standard curve of nuclease concentration

Wide linear range from 0.2 ng/ml to 10 ng/ml; Residual amount could be detected at routine working concentrations of 10–20 U/ml without dilution.

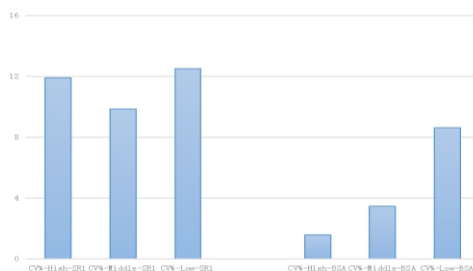
### 2. Accuracy testing



Recovery at three different nuclease concentrations

The test showed high recovery by the addition of Pannarase nuclease at low, medium and high concentrations.

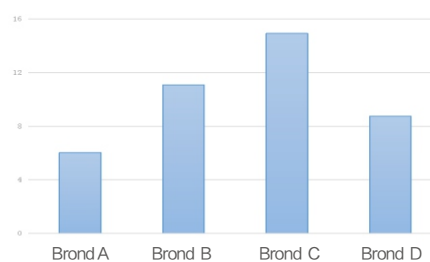
### 3. Precision testing



CV% comparison of reference substance vs 1% BSA at different concentrations

At high, medium and low concentration, both reference SR1 (Pannarase nuclease standard) and 1% BSA (supplemented with Pannarase nuclease standard) showed CV% of < 15%, with high precision and repeatability.

### 4. Nuclease compatibility testing of different brands



Comparison of nuclease test results of four brands by assay kit

The kit can respond to all brands of nucleases, and the test results showed high stability and reproducibility.

## Order Options

Cat No.	Name	Size
CYG003RKIT	Pannarase Nuclease ELISA detection kit	1 KIT 96 Tests

Provide classic products in pursuit of high quality