CHASELECTION
上 海 逐 典

LUMINESCENT CELL VIABILITY

DESCRIPTION

CHASELECTION Luminescent Cell Viability—LCV

It is a cell viability analysis method developed using the luciferase chemiluminescence system. It determines the number of living cells with metabolic activity by quantitatively measuring the ATP content after cell lysis. This product is an open cap and ready to use reagent. Just take a reagent of the same volume as the sample to be tested and add it to the test well containing cells. Shake at room temperature for 2-5 minutes to fully lyse and mix the cells evenly. After 10 minutes of reaction at room temperature, the luminescence signal reaches its maximum reading value and the detection reading value can be carried out. This product is a " glow type" reagent with a half-life of up to 3-5 hours and excellent sensitivity, suitable for high-throughput cell proliferation and cytotoxicity detection.

PRODUCT ADVANTAGE

Quick and easy

One step detection process with the " sample addition-mixing-reading" operation, which can be completed within 15 minutes, making the cell viability detection more efficient.

High sensitivity

The luminescence signal measured is directly proportional to the number of cultured cells. Its linear range covers the number range of cells from 10 to 100000, meeting different experimental needs.

Persistent luminous signal

In different types and quantities of cell tests, the reagent kit exhibits persistent and stable luminescent signals with a half-life of 3-5 hours, making it particularly suitable for high-throughput screening experiments.

Good freeze-thaw stability

The reagent kit has undergone strict testing and withstood 10 repeated freeze-thaw cycles, with no impact on signal stability (however, we still do not recommend frequent freeze-thaw treatment).

Cost-effective

It not only has excellent performance, but also shows obvious competitiveness in terms of price. This means that you can obtain high-quality cell viability data at lower costs, effectively controlling research funding and highlighting the advantages of domestic reagents.

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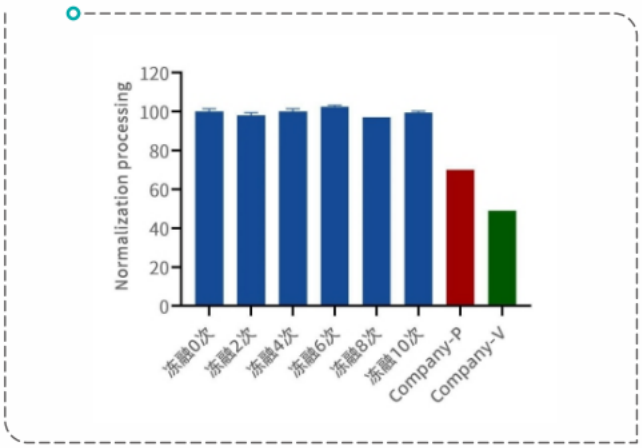
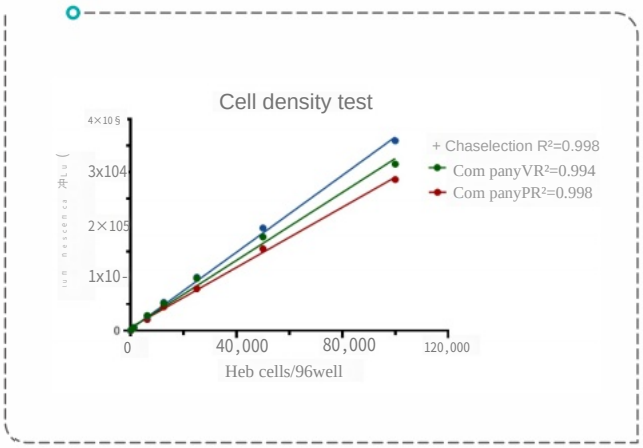
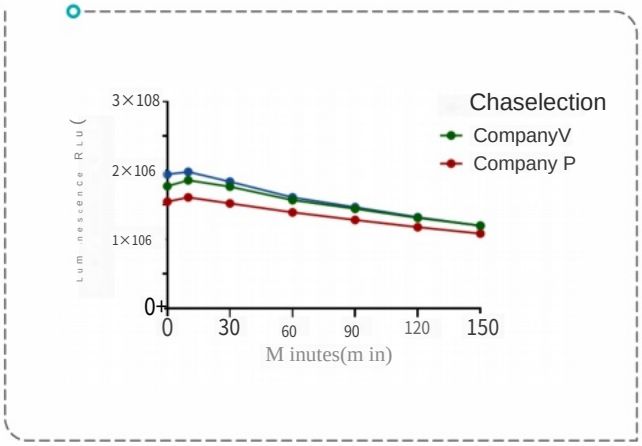
> PRODUCT DATA



1.Freeze-thaw stability of Luminescent Cell Viability Detection Kit



2.Comparison of linear data between cell viability detection and cell count with competitors



3.Comparison of half-life with competitors

> PRODUCTS INFO

CAT No.	Name	Size
CY074F0010KIT	Luminescent CellViability Detection Kit	100T
CY074F0100KIT	Luminescent Cell Viability Detection Kit	1000T
CY074F1000KIT	Luminescent CellViability Detection Kit	10000T

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