

The Innovative CCK-8, Extraordinary Sensitivity and Stability!

## Sensitive & Stable SuperKine™ Maximum Sensitivity Cell Counting Kit-8 (CCK-8)

SuperKine™ Maximum Sensitivity Cell Counting Kit-8 (CCK-8) is determined based on the highly water-soluble tetrazolium salt WST-8. Under the action of electron mediator, WST-8 can be reduced by dehydrogenase in the cell to produce water-soluble formazan product, resulting in a color reaction. Its formazan product is orange and soluble in tissue culture medium. CCK-8 is non-radioactive and can be used for sensitive colorimetric determination of living cells in cell proliferation and cytotoxicity experiments to calculate the number of cells. The amount of formazan product produced by dehydrogenase in cells is proportional to the number of living cells, which can be used to detect cell proliferation and cytotoxicity.

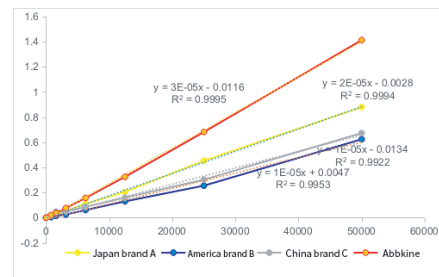


Fig.1 Compared SuperKine™ Maximum Sensitivity Cell Counting Kit-8 (CCK-8) (Cat. No. BMU106- EN) with three international brands A, B, C in the detection of HEK293 cells with different number of living cells. The results showed that the SuperKine™ Maximum Sensitivity Cell Counting Kit-8 (CCK-8) had the best sensitivity.

### Product advantages and features

- ★ **High sensitivity:** More accurate test results;
- ★ **Good stability:** Can be stored at -20 °C and protected from light for more than 2 years;
- ★ **High security:** Less toxic to cells, almost no effect on subsequent experiments.

### Ordering Information

Product name	Cat. No.	Size	Price
SuperKine™ Maximum Sensitivity Cell Counting Kit-8 (CCK-8)	BMU106-EN	200 T/1000 T/10000 T	\$29/\$69/\$529

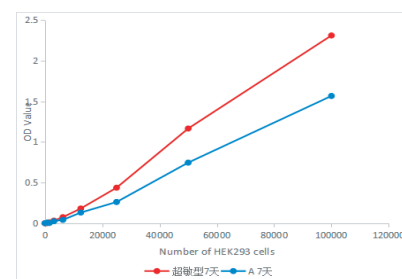
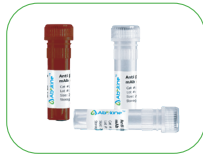


Fig.2 The SuperKine™ Maximum Sensitivity Cell Counting Kit-8 (CCK-8) (Cat. No: BMU106-EN) and the international brand A kit were treated at 37 ° C for 7 days, and then compared in different numbers of HEK293 cell viability assays. The results show that SuperKine™ Maximum Sensitivity Cell Counting Kit-8 (CCK-8) is more stable.

## Not only provide sensitive and stable SuperKine™ Maximum Sensitivity Cell Counting Kit-8 (CCK-8)



Abbkine also develops other cell state detection tools related to SuperKine™ Maximum Sensitivity Cell Counting Kit-8 (CCK-8), including cell proliferation, toxicity, apoptosis, cell senescence, cycle, vitality test kit and other cell state research kit.

Productname	Application	Cat. No.	Size
EdU Cell Proliferation Image Kit (Green Fluorescence)	Cell proliferation detection	KTA2030	100 T/500 T
LDH Cytotoxicity Assay Kit	Cytotoxicity test	KTA1030	96 T/480 T
TUNEL Apoptosis Detection Kit (Green Fluorescence)	Apoptosis detection	KTA2010	50 T/100 T
Mitochondrial Membrane Potential Assay Kit (JC-1)	Apoptosis detection	KTA4001	20 T/100 T/500 T
Annexin V-AbFluor™ 488/PI Apoptosis Detection kit	Apoptosis detection	KTA0002	50 T/100 T
Annexin V-EGFP/PI Apoptosis Detection kit	Apoptosis detection	KTA0005	20 T/50 T/100 T
Caspase-1 Assay Kit (Colorimetric)	Apoptosis detection	KTA3020	20 T/50 T/100 T
Caspase-3 Assay Kit (Colorimetric)	Apoptosis detection	KTA3022	20 T/50 T/100 T
Senescence β-Galactosidase Staining Kit	Cell senescence detection	KTA3030	100 T
Cell Cycle Staining Kit	Cell cycle detection	KTA2020	50 T/100 T/500 T
Live and Dead Cell Double Staining Kit	Cell viability detection	KTA1001	100 T/500 T/2000 T

## Also provides convenient SuperKine™ Serum/Protein-Free Cell Freezing Medium and explosive series

### SuperKine™ Serum/Protein-Free Cell Freezing Medium

It is a kind of freeze-storage solution with simple operation and non-programmed cooling. The formula has clear composition, no serum, no protein, can exclude the potential risk of virus or mycoplasma contamination of serum or protein, so it is safer to use.

Cat #: BMU108-EN

Price / Size: \$109/100 mL



### Cell Apoptosis Assay kit

Optimized for fluorescence microscopy and flow cytometry, the fluorescence is bright and durable. The optimized positive control was added to effectively solve the problem of non-standardization of apoptosis detection results.

### One-step TUNEL Apoptosis Assay Kit (Orange Fluorescence)

Cat #: KTA2011 Price: \$259/459 Size: 50 T/100 T



### Application for free sample!

Product name	Trial Cat. No.	Size
SuperKine™ Maximum Sensitivity Cell Counting Kit-8 (CCK-8)	BMU106-EN-s	25 T
SuperKine™ Serum/Protein-Free Cell Freezing Medium	BMU108-EN-s	10 mL

## Abbkine Scientific Ltd

As the world's unique cell and protein product portfolio supplier, we provide basic tools and solutions in the fields of protein extraction and purification, immunoassays, cell culture separation, and metabolic analysis. Abbkine is committed to customer's success and excellence.

The product listed herein is for research use only and is not intended for use in human or clinical diagnosis.

