

Cell Counting Kit (CCK)

Catalogue No.: abx098245

Cell Counting Kit (CCK) is used for cell proliferation assays as well as cytotoxicity assays by utilizing a water-soluble tetrazolium salt. It can be reduced to an orange water-soluble formazan by mitochondrial dehydrogenase in the presence of an electron coupling agent 1-Methoxy PMS. The amount of the formazan dye generated by dehydrogenases in cells is directly proportional to the number of living cells. Faster cell proliferation, lower cytotoxicity, and more cell number produce deeper color. The depth of color presents a good linear correlation with the cell number. This kit confers low cytotoxicity and has no effect on further experiments. Compared with MTT, XTT, MST and WST-1, this method provides higher sensitivity and broader linear range. It is suitable for use in drug screening, cell proliferation test, cytotoxicity assay and drug sensitivity test.

Target: Cell Counting**Storage:** Store at -20°C. Stable for 12 months from date of receipt.**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only