

MTT Assay Kit

MTT Assay Kit (Cell Proliferation)

CATALOG #
AAA174688

PRODUCT SYNONYMS

MTT; MTT Assay Kit (Cell Proliferation); MTT assay kit

ADDITIONAL INFORMATION

Related Product Information for MTT assay kit

Background: The MTT Cell Proliferation and Cytotoxicity Assay Kit is a rapid and highly sensitive kit widely used in cell proliferation and cytotoxicity detection. MTT is 3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyl tetrazolium bromide which can be reduced by some dehydrogenases in mitochondria to form a crystalline dark purple product formazan. Formazan can be completely dissolved by DMSO and its absorbance is near 570 nm wavelength. The more and faster the cells proliferate, the darker the color is, and the more cytotoxic, the lighter the color is. For the same cells, there is a linear relationship between the depth darkness of color and the number of cells.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/assay-kits/mtt/174688>