

CytoSelect MTT Cell Proliferation Assay Assay Kit

CytoSelect MTT Cell Proliferation Assay

CATALOG #
AAA44521

PRODUCT SYNONYMS

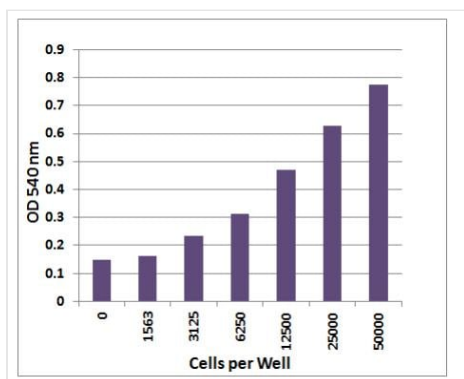
CytoSelect MTT Cell Proliferation Assay; CytoSelect MTT Cell Proliferation Assay assay kit

PRODUCT SPECIFICATIONS

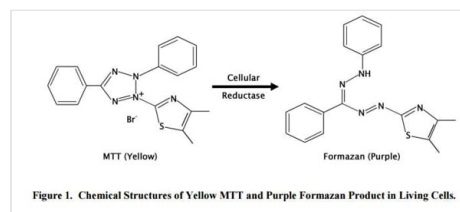
Preparation and Storage

The MTT Cell Proliferation Assay Reagent is a clear yellow ready-to-use solution, and it should be stored at -20 degree C protected from light. Store the Detergent Solution at room temperature. If precipitate or turbidity is observed in the Detergent Solution, warm the solution to 37 degree C for 10-20 minutes and agitate to dissolve the precipitate prior to use.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for CytoSelect MTT Cell Proliferation Assay assay kit

Principle of the Assay: The CytoSelect Cell Adhesion Assay Kit utilizes an ECM protein-coated 48-well plate (see Adhesion Plate Layout). First, cells are seeded onto the coated substrate, where the adherent cells are captured. Next, unbound cells are removed with consecutive washes. Finally, the adherent cells are lysed and subsequently detected with CyQuant GR Dye!!
Background/Introduction: Cell adhesion is a complex process involved in embryogenesis, migration/invasion, tissue remodeling, and wound healing. To perform these processes, cells adhere to extracellular matrix components (via adhesion receptors), forming complexes with components of the cytoskeleton that ultimately affect cell motility, differentiation, proliferation, and survival. The CytoSelect Cell Adhesion Assay Kit provides a rapid, quantitative method for evaluating cell adhesion. The kit contains sufficient reagents for the evaluation of 48 samples (40 ECM protein-coated wells, 8 BSA-coated wells).

Product Categories/Family for CytoSelect MTT Cell Proliferation Assay assay kit

[Cell Based Assays](#); [Cell Health Assays](#); [Cell Proliferation Assays](#); [MTT Cell Proliferation Assay](#)

References

1. Jacobsen MD, Weil M, Raff MC. (1996) J Cell Biol 133, 1041.
2. Papadopoulos NG, Dedoussis GV, Spanakos G, Gritzapis AD, Baxevanis CN, Papamichail M. (1994) J Immunol Methods 177, 101.
3. Yamaori S, Ishii H, Chiba K, Yamamoto I, Watanabe K (2013) Toxicology 314, 251
4. Wang Y, Qu L, Gong L, Sun L, Gong R, Si J (2013) Cancer Biother Radiopharm. 28, 623
- Zhang, L. et al. (2014). miR-125b Can Enhance Skin Tumor Initiation and Promote Malignant Progression by Repressing Differentiation and Prolonging Cell Survival. Genes Dev. 28:2532-2546.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/assay-kits/cytoselect-mtt-cell-proliferation-assay/44521>