



MTT Cytotoxicity Assay kit

MTT Cytotoxicity Assay provides a simple and accurate method to quantify cell proliferation and viability. The assay is based on the conversion of water soluble MTT (3-(4,5- dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide) compound to an insoluble formazan product. Viable cells with active metabolism convert MTT into formazan. Dead cells, on the other hand, lose this ability and therefore show no signal. Thus color formation serves as a useful and convenient marker of only the viable cells. The measured absorbance at OD 590nm is proportional to the number of viable cells. This assay kit provides an easy-to-use, non-radioactive, and highthroughput method for measuring cell proliferation, cell viability and cytotoxicity.

Catalog No.	520115
Size	500 Assays / 1000 Assays
Product Category	Cell Detection
Storage/Stability	-20°C/1 year
Shipping	Gel Packs