

Product Datasheet

LDH Cytotoxicity Assay Kit (orb1147900)

Description Biorbyt LDH Cytotoxicity Assay Kit provides a simple and easy colorimetric assay for the study of cy...

Storage Store at -20°C and Keep in dark. The Kit has a storage time of 6 months from receipt.

Note For research use only

Application notes Biorbyt LDH Cytotoxicity Assay Kit provides a simple and easy colorimetric assay for the study of cytotoxicity. This assay is based on the reduction of the tetrazolium salt MTT in a NADH-coupled enzymatic reaction to a reduced form of MTT which exhibits an absorption maximum at 565 nm. The intensity of the generated color correlates directly with the cell number lysed. In a typical cytotoxicity assay, target cells are cultured with a cytotoxic chemical agent or a cytotoxic cell (NK cell, cytotoxic T cells) to induce target cell death and LDH release. The LDH-containing supernatants are transferred to wells of a new 96-well assay plate and mixed with the LDH Reaction solution. After an incubation of 30 minutes at room temperature, the absorbance at 565nm (A565) is read using a plate reader.

Hazard Information The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.

Expiration Date Please enquire.