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Product Datasheet

LDH Cytotoxicity Assay Kit ASC-KTA1030

Article Name	LDH Cytotoxicity Assay Kit
Biozol Catalog Number	ASC-KTA1030
Supplier Catalog Number	KTA1030
Alternative Catalog Number	ASC-KTA1030-96, ASC-KTA1030-480
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Product Description	Abbkine LDH Cytotoxicity Assay Kit provides a simple and easy colorimetric assay for the study of cytotoxicity....
Tag	LDH
Application Notes	Abbkine 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.