MTT Cell Proliferation Assay

For the quantification of viable cells in proliferation and cytotoxicity assays.

The ability to quantify the number of viable cells in a system under controlled conditions is a requirement in cell biology research. There are several such assays designed to measure metabolic activity of cultured cells, of which MTT is one. The advantages of AkrivisBio's MTT Cell Proliferation Assay are sensitivity (subtle changes can be observed), cost-effectiveness, versatility (adherent or suspension cultures, 96 or 384 well plates) and the ability to monitor metabolic activity over long periods of time. The assay is based on the conversion of MTT to an insoluble formazan. Cells with active metabolism convert MTT while dead cells can't. Absorbance at 590 nm is proportional to metabolic activity.

Ordering Information

Order Online »

AKR-CPT-0103	1000 wells

Manuals, SDS & CofA

View Online »

Handling & Storage

Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Application	Colorimetric detection
Species Reactivity	Species independent
Technical Info / Product Notes	For the Original Manufacturer's data sheet please click here.

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