Crystal Violet Cell Cytotoxicity Assay

To study cell proliferation, viability or cytotoxicity.

Crystal violet binding as a measure of cytotoxicity is a well established method for detection of cell viability or drug cytotoxicity. Crystal violet is a triarylmethane dye that binds to ribose containing molecules such as DNA. Typically, dead cells detach from cell culture plates and are removed during the washing steps. Using crystal violet to quantify DNA of the remaining adherent cell population allows a quick measure of cell viability by monitoring its absorbance at 570 nm. AkrivisBio's Crystal Violet Cell Cytotoxicity Assay is a simple, sensitive assay to study cell proliferation, viability or cytotoxicity. This assay provides a quantitative measurement of cell survival and can be used to evaluate the cytotoxic effects of various treatments or compounds.

Ordering Information

Order Online »

AKR-CPT-0102	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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