

Mitochondria/Cytosol Fractionation Kit

Cat. No. Kit-0557 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Mitochondria/Cytosol Fractionation Kit is used for isolation of a highly enriched mitochondrial fraction from cytosolic fraction of mammalian cells including both apoptotic and non-apoptotic cells.
Description	The Mitochondria/Cytosol Fractionation Kit provides unique formulations of reagents for effective isolation of a highly enriched mitochondrial fraction from cytosolic fraction of mammalian cells including both apoptotic and nonapoptotic cells. The enriched mitochondrial and cytosolic fractions can be used for studying apoptotic and signal transduction pathways to detect translocation of factors interested between the two fractions by Western blotting, ELISA, or other assays. Procedures are simple and easy to perform, no ultracentrifugations and toxic chemicals are involved.
Target Species	Mammals
Usage	For research use only (RUO)
Storage	After opening the kit, store buffers at 4°C. Store Protease Inhibitor Cocktail and DTT at -20°C.
Kit Components	Mitochondria Extraction Buffer: 10 ml 5X Cytosol Extraction Buffer: 20 ml DTT (1 M): 110 µl Protease Inhibitor Cocktail* 1 vial* Add 250 µl of DMSO, and mix well before use
Compatible Sample Types	Cell, Tissue

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