

Mitochondrion Extraction Kit

Mitochondrion Extraction Kit (Tissue)

CATALOG #
AAA332432

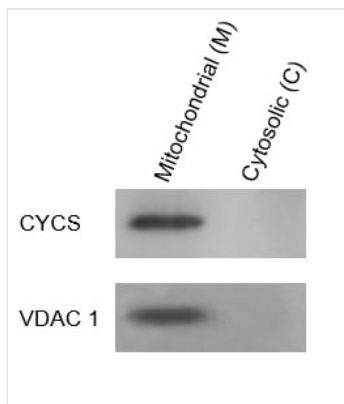
PRODUCT SYNONYMS

Mitochondrion; Mitochondrion Extraction Kit (Tissue); Mitochondrion extraction kit

PRODUCT SPECIFICATIONS

Sequence Length	554
Preparation and Storage	Refer to list of materials supplied for storage conditions of individual components. Stable for at least 12 months at recommended temperature from date of shipment.

IMAGES



Application Data

Fig. Mouse liver tissues were extracted with Mitochondrion Extraction Kit (Tissue). Mitochondrial (M) and Cytosolic (C) fractions were analyzed by WB using cytochrome c antibody and VDAC1 antibody .

ADDITIONAL INFORMATION

Related Product Information for Mitochondrion extraction kit

Principle of the Assay: The Mitochondria Isolation Kit enables rapid and crude isolation of intact mitochondria from animal tissues from both soft and hard tissues using differential centrifugation. This crude mitochondrial preparation is often enough for most applications, such as study of mitochondrial respiration, mitochondria membrane potential, apoptosis, mtDNA and mtRNA, and mitochondrial protein profiling etc.

Background/Introduction: Mitochondria is a double-membrane-bound organelle found in most eukaryotic cells. The function of mitochondria is to provide cellular energy. Moreover, mitochondria are involved in other tasks, such as signaling, cellular differentiation, and cell death, as well as maintaining control of the cell cycle and cell growth. Mitochondria have been implicated in several human diseases, including mitochondrial disorder syndrome, heart failure and autism. Mitochondria may play an important role in these cellular processes.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1020703694
NCBI Official Full Name	mitochondrion

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/extraction-kits/mitochondrion/332432>