Mitochondrial DNA Isolation Kit

To isolate intact mitochondrial DNA from a variety of cells and tissue types without contamination from genomic DNA.

Mitochondria are membrane-bound organelles found in all eukaryotic cells. They are often referred to as the powerhouses of the cell. Their primary function is to produce ATP necessary for various cellular processes, including metabolism, growth, and movement. Dysfunction in mitochondria is associated with mitochondrial disorders including muscle weakness, fatigue, metabolic strokes, seizures, cardiomyopathy, arrhythmias, developmental or cognitive disabilities, diabetes mellitus etc. The Mitochondrial DNA Extraction Kit provides a simple, fast and reliable tool for isolating intact mitochondrial DNA from a variety of cells and tissue types without contamination from genomic DNA. The recovered mitochondrial DNA is compatible with various downstream applications including PCR, cloning etc.

Ordering Information

Order Online »

AKR-PI-0105	50preparations

Manuals, SDS & CofA

View Online »

Handling & Storage

Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

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

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