

Materials List for:

Experimental Protocol for Detecting Mitochondrial Function in Hepatocytes Exposed to Organochlorine Pesticides

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Materials

Name	Company	Catalog Number	Comments
Transmission electron microscope	FEI	Tecnai G2 Spirit Bio TWIN	High-contrast, high-resolution imaging, Low-dose observation and imaging, Low-temperature observation, Outstanding analytical performance, Automation for convenience and performance
Mito-Tracker Green	Beyotime	C1048	Mito-Tracker Green is a mitochondrial green fluorescent probe that can be used for live cell mitochondrial-specific fluorescent staining.
Laser scanning confocal microscope	Zeiss	700B	The design is compact, stable, light path is the shortest, high light precision, creative technology and sophisticated scanning technology together to produce a perfect 3-dimensional specimen image.
Enhanced ATP Assay Kit	Beyotime	S0027	Enhanced ATP Assay Kit can be used to detect ATP (adenosine 5'-triphosphate) levels in common solutions, cells or tissues. Cells and tissue samples can be split to complete the sample preparation, detection sensitivity up to 0.1nmol / L, chemiluminescence can be sustained for 30 minutes.
Luminometer	Berthold	Centro LB 960	Luminometer is chemiluminescence detector, the test sample itself can be light, do not need to stimulate. Luminometer is the instrument that detects chemiluminescence.
BCA Protein Assay Kit	Beyotime	P0012	BCA Protein Assay Kit is one of the most commonly used methods for detecting protein concentrations.
Multimode reader	TECAN	InfiniteM200	Multimode reader be used to detect protein concentration.