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Seahorse mito stress test

The Agilent Seahorse XF T Cell Metabolic Profiling kit allows for robust and accurate measurements of both glycolytic and mitochondrial activities in T cell populations, providing a complete picture of T cell energy metabolism The Agilent Seahorse XF Mito Tox Assay kit allows for the identification of drug-induced mitochondrial toxicity through direct functional measurements of mitochondrial oxygen consumption rates (OCR). The Agilent Seahorse ATP Real-Time rate assay is the only assay that quantifies the rate of adenosine triphosphate (ATP) production from glycolysis and mitochondria simultaneously using label-free technology in live cells. The Agilent Seahorse Cell Mito Stress Test kit is the widely recognized, well accepted standard assay for assessing mitochondrial function. Multiple parameters are obtained in this one assay including, basal respiration, ATP-linked respiration, maximal and reserve capacities, and non-mitochondrial respiration The Agilent Seahorse XF Substrate Oxidation Stress Test Kits are a suite of optimized solutions for rapidly measuring cellular substrate oxidation by assessing changes in oxygen consumption (OCR) in live cells. The Agilent Seahorse XF Palmitate Oxidation Stress Test Kit provides validated reagents to measure long chain fatty acid oxidation (FAO) via assessing changes in oxygen consumption (OCR) in intact cells. The Agilent Seahorse Mito Fuel Flex Test kit provides an analytical method for measuring the basal state of mitochondrial fuel oxidation in live cells. The Agilent Seahorse Glycolytic Rate Assay provides a precise measure of glycolysis in live cells, revealing transient responses and rapid metabolic switches not discernible in end-point lactate assays. The Agilent Seahorse Glycolysis Stress Test kit measures the capacity of the glycolytic pathway after glucose starvation. The Agilent Seahorse XF Plasma Membrane Permeabilizer (PMP) is a proprietary reagent that permeabilizes intact cells in culture. It selectively targets the cellular plasma membrane while leaving the mitochondrial membrane intact. Agilent Seahorse XF Hu T Cell Activation Assay Kit measures human (Hu) T cell activation response within several minutes of stimulation using Seahorse XF Analyzers.