

Fatty Acid Oxidation (FAO) Assay Kit | FAO assay kit

Fatty Acid Oxidation (FAO) Colorimetric Assay Kit

CATALOG #
AAA179683

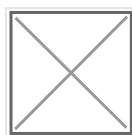
PRODUCT SYNONYMS

Fatty Acid Oxidation (FAO); Fatty Acid Oxidation (FAO) Colorimetric Assay Kit; FAO assay kit

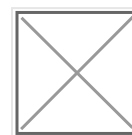
PRODUCT SPECIFICATIONS

Detection Type	Colorimetric
Result Type	Quantitative
Samples	Animal tissue, Cell
Detection Range	0.11-8.33U/L
Sensitivity	0.11U/L
Precision	Intra-assay CV: 8.2-9.4% Inter-assay CV: 4.1-5.0%
Detection Instrument	Microplate reader
Preparation and Storage	This product can be stored at -20 degree C for 12 months with shading light.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for FAO assay kit	Fatty acid oxidation (FAO) is the main pathway of fatty acid decomposition in the body, which can supply a large amount of energy required by the organism. FAO is also the transformation process of fatty acids. The length of fatty acid chain required by the organism is different. Through oxidation, long-chain fatty acids can be transformed into fatty acids with suitable growth degree for the organism metabolism. The detection principle of this kit: FAO process consumes the substrate and NAD⁺, and generates NADH. Under the action of electron coupling agent and chromogenesis agent, the orange red substance is generated, which can be detected at 450nm.
Product Categories/Family for FAO assay kit	Metabolism assay; Energy Metabolism; Energy Metabolism

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.