

Fumarase (FUM) Assay Kit | FUM assay kit

Fumarase (FUM) Activity Colorimetric Assay Kit

CATALOG #
AAA179687

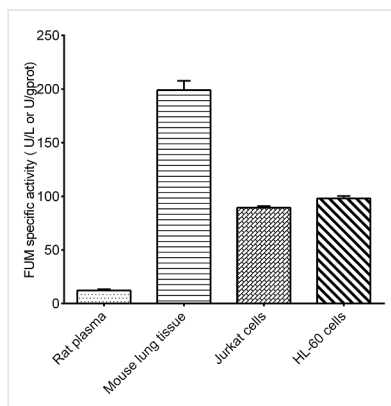
PRODUCT SYNONYMS

Fumarase (FUM); Fumarase (FUM) Activity Colorimetric Assay Kit; FUM assay kit

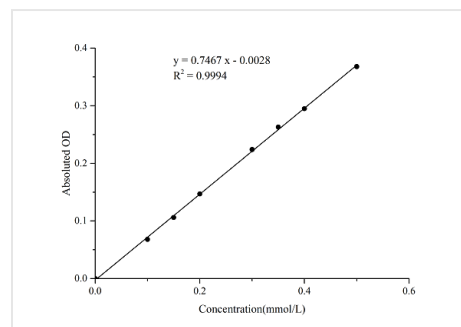
PRODUCT SPECIFICATIONS

Detection Type	Colorimetric
Result Type	Enzyme activity
Samples	Serum, Plasma, Animal tissue, Cell
Detection Range	0.696-33.106U/L
Sensitivity	0.696U/L
Precision	Intra-assay CV: 2.4-5.0% Inter-assay CV: 5.8-7.7%
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

Application Data

ADDITIONAL INFORMATION

Related Product Information for FUM assay kit	Fumarase (FUM), also known as malate lyase, fumarate hydratase or fumarase, is an important enzyme in the tricarboxylic acid cycle, which can catalyze the hydration of fumarate to synthesize malic acid. FUM is a kind of intracellular enzyme that exists widely in plants and animals. The detection principle of this kit: fumarase catalyze fumaric acid products under the action of electronic coupler to reduce the chromogenic reagent to orange products, detection at about 450nm has the maximum absorption peak.
Product Categories/Family for FUM assay kit	Metabolism assay; Cell Metabolism Assays; Tricarboxylic Acid (TCA) Cycle

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/assay-kits/fumarase-fum/179687>