

Lipolysis Assay Kit

Lipolysis Colorimetric Assay Kit

CATALOG #
AAA179693

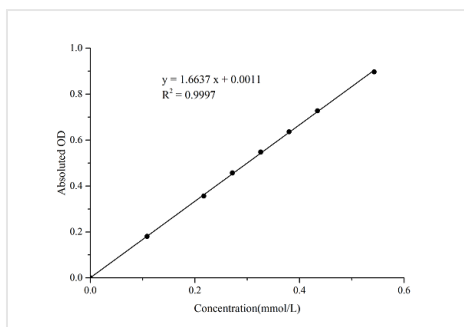
PRODUCT SYNONYMS

Lipolysis; Lipolysis Colorimetric Assay Kit; Lipolysis assay kit

PRODUCT SPECIFICATIONS

Detection Type	Colorimetric
Result Type	Quantitative
Samples	Cell
Detection Range	0.005-0.543mmol/L
Sensitivity	0.005mmol/L
Precision	Intra-assay CV: 1.3-1.4% Inter-assay CV: 1.6-2.5%
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

ADDITIONAL INFORMATION

Related Product Information for Lipolysis assay kit	Lipolysis is the process by which the body converts fat reserves into energy, the fat stored in fat cells is gradually hydrolyzed under the catalysis of lipase, releasing free fatty acid (FFA) and glycerin (Gly). The glycerol produced by lipolysis cannot be used by the cells themselves, and needs to be transported to the liver for further conversion into energy. The content of glycerol can reflect the level of lipolysis in the cell sample. The detection principle of this kit is to make the glycerol released by cells produce hydrogen peroxide under the catalysis of lipase, and hydrogen peroxide reacts with enzymes and chemical substances to produce specific products, which have maximum absorption at 555nm, and OD value is proportional to the concentration within a certain range.
Product Categories/Family for Lipolysis assay kit	Metabolism assay; Cell Metabolism Assays; Glycolysis and Lipid Metabolism; Metabolic Diseases

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/lipolysis/179693>