

NADP-Isocitrate Dehydrogenase (NADP-IDH) Assay Kit | NADP-IDH assay kit

NADP-Isocitrate Dehydrogenase (NADP-IDH) Activity Assay Kit

CATALOG #
AAA179642

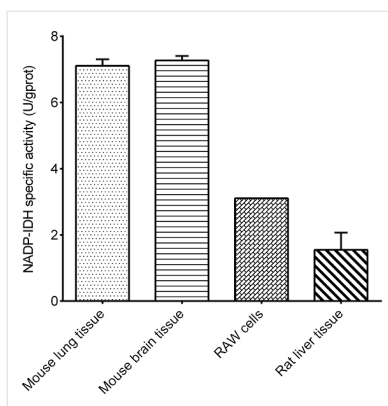
PRODUCT SYNONYMS

NADP-Isocitrate Dehydrogenase (NADP-IDH); NADP-Isocitrate Dehydrogenase (NADP-IDH) Activity Assay Kit; NADP-IDH assay kit

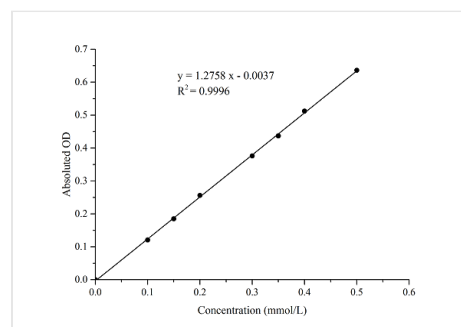
PRODUCT SPECIFICATIONS

Assay Type	Enzyme Activity
Samples	tissue, cell
Detection Range	0.10-50.47 U/L
Sensitivity	0.10 U/L
Detection Type	Colorimetric method
Detection Instrument	Microplate reader
Precision	Inter CV: 4.3-11.4% Intra CV: 5.0-6.0%
Research Area	Glycolysis and Lipid Metabolism, Tricarboxylic Acid(TCA) Cycle
Test Principle	Isocitrate dehydrogenase converts isocitrate to alpha- ketoglutaric acid, while converting NADP+ to NADPH. Under the action of electron coupling agents, the generated NADPH has a characteristic absorption peak at 450 nm. The activity of NADP-IDH can be calculated by measuring the change of absorbance value at 450 nm.
Preparation and Storage	This product can be stored at -20 degree C for 12 months with shading light. Shipping: Ice bag

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for NADP-IDH assay kit

Cell Metabolism Assays; Glycolysis and Lipid Metabolism; 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/nadp-isocitrate-dehydrogenase-nadp-idh/179642>