

Aldo-Keto Reductase (ARKs) Assay Kit | ARKs assay kit

Aldo-Keto Reductase (ARKs) Activity Assay Kit

CATALOG #
AAA179651

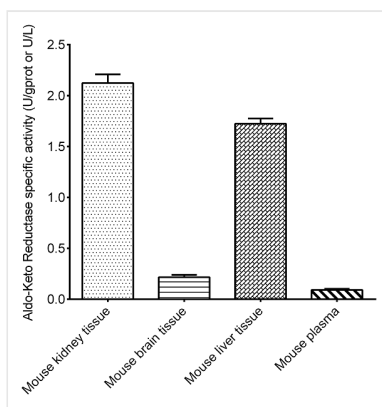
PRODUCT SYNONYMS

Aldo-Keto Reductase (ARKs); Aldo-Keto Reductase (ARKs) Activity Assay Kit; ARKs assay kit

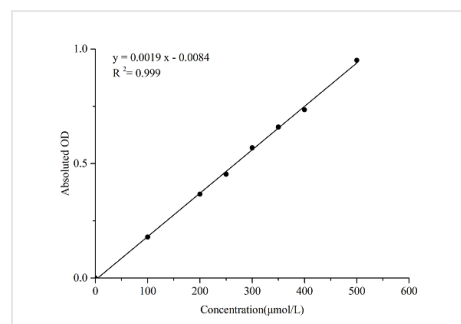
PRODUCT SPECIFICATIONS

Assay Type	Enzyme Activity
Samples	serum, plasma, tissue
Detection Range	0.05-45.00 U/L
Sensitivity	0.05 U/L
Detection Type	Colorimetric method
Detection Instrument	Microplate reader
Precision	Inter CV: 7.1-10% Intra CV: 1.9-4.8%
Research Area	Oxidative Stress
Test Principle	Aldo-keto reductase (AKRS) is distributed in prokaryotes and eukaryotes, and there are a variety of isoforms. AKRS can catalyze the NADPH-dependent carbonyl reduction reaction to generate the corresponding alcohols. Studies have shown that AKRS are associated with a variety of cancers. The principle of this kit is that the substrate is catalyzed by AKRS, and the chromogenic substance produced by the reaction of the product and the chromogenic agent has a characteristic absorption peak at 450 nm. By detecting the amount of chromogenic substance produced per unit time, the activity of AKRS enzyme in the sample can be calculated.
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 ARKs assay kit	Cell Metabolism Assays; Oxidative Stress
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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/aldo-keto-reductase-arks/179651>