

Selenium Assay Kit

Selenium Colorimetric Assay Kit

CATALOG #
AAA179707

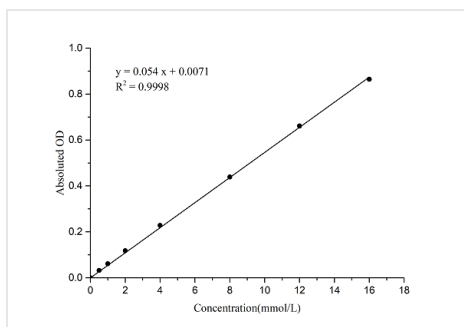
PRODUCT SYNONYMS

Selenium; Selenium Colorimetric Assay Kit; Selenium assay kit

PRODUCT SPECIFICATIONS

Detection Type	Colorimetric
Result Type	Quantitative
Samples	Serum, Plasma, Animal tissue, Cell
Detection Range	0.06-16.00mmol/L
Sensitivity	0.06mmol/L
Precision	Intra-assay CV: 0.3-0.4% Inter-assay CV: 0.5-0.7%
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

ADDITIONAL INFORMATION

Related Product Information for Selenium assay kit

Selenium is an essential microelements in the human body. It participates in many metabolic pathways of the human body, and has the functions of delaying aging, enhancing immunity and preventing many diseases. The intake of the selenium through daily diet. Excessive intake of selenium can cause selenium poisoning, leading to multiple organ damage, and insufficient intake can also cause a variety of diseases, such as Kashin-beck disease, etc.

The detection principle of this kit: under acidic conditions, selenium is reduced to tetravalent selenium, and then reacts with the chromogenic agent to produce yellow complex, which increase the absorbance at 420nm, and the color development intensity is proportional to the content of tetravalent selenium in the sample.

Product Categories/Family for Selenium assay kit

Metabolism assay; Cell Metabolism Assays; Inorganic Ions

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/selenium/179707>