

General Selenium Assay Kit

Selenium Microplate Assay Kit

CATALOG # AAA27898	REACTIVITY General	APPLICATIONS Functional Assay
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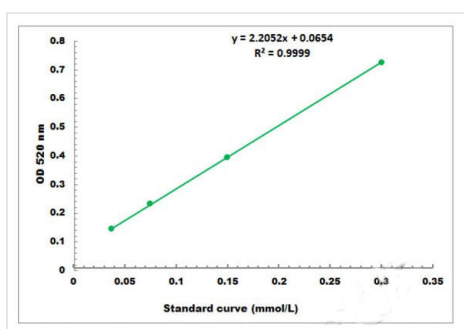
PRODUCT SYNONYMS

Selenium; Selenium Microplate Assay Kit; Selenium assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Samples	Urine, Serum, Plasma, Tissue extracts, Cell lysate, Cell culture media and Other biological fluids Samples
Applicable Applications for Selenium assay kit	FA (Functional Assay)
Preparation and Storage	Store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Selenium assay kit

Background: Selenium naturally appears in water and some foods. While people only need a very small amount, selenium plays a key role in the metabolism. Selenium has attracted attention because of its antioxidant properties. Antioxidants protect cells from damage. Evidence that selenium supplements may reduce the odds of prostate cancer has been mixed, but most studies suggest there is no real benefit. Selenium does not seem to affect the risk of colorectal or lung cancer. Selenium Microplate Assay Kit is designed to measure selenium directly in biological samples without any pretreatment. Selenium catalyzes the oxidation of phenylhydrazine to azo ion by potassium chlorate. The intensity of the color, measured at 520nm, is directly proportional to the selenium concentration in the sample.

Principle of the Assay: 0.03 mmol/L - 0.3 mmol/L

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.