

Rat Adipsin ELISA Kit | CFD elisa kit

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CATALOG #
AAA244777

REACTIVITY
Rat

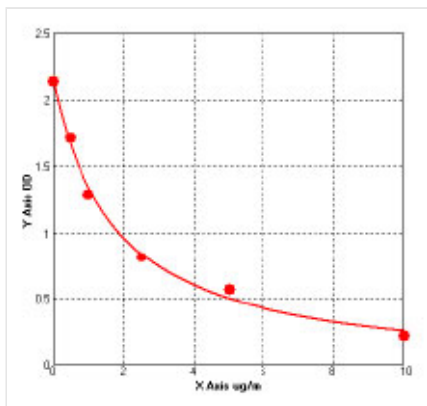
PRODUCT SYNONYMS

Adipsin; Rat Adipsin ELISA Kit; CFD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Adipsin. No significant cross-reactivity or interference between Adipsin and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between Adipsin and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ug/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CFD elisa kit	Intended Uses: This Adipsin ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat Adipsin. This ELISA kit for research use only! Principle of the Assay: Adipsin ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-Adipsin antibody and an Adipsin-HRP conjugate. The assay sample and buffer are incubated together with Adipsin-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the Adipsin concentration since Adipsin from samples and Adipsin-HRP conjugate compete for the anti-Adipsin antibody binding site. Since the number of sites is limited, as more sites are occupied by Adipsin from the sample, fewer sites are left to bind Adipsin-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Adipsin concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CFD elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	497007
Molecular Weight	3,903 Da
NCBI Official Full Name	adipsin, partial
UniProt Protein Name	Adipsin
UniProt Entry Name	Q62526_MUSSP

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/cfd-rat-elisa-kits/adipsin/244777>