

Monkey Adenylosuccinate synthetase isozyme 2 (ADSS) ELISA Kit | ADSS elisa kit

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CATALOG #
AAA246254

REACTIVITY
Monkey

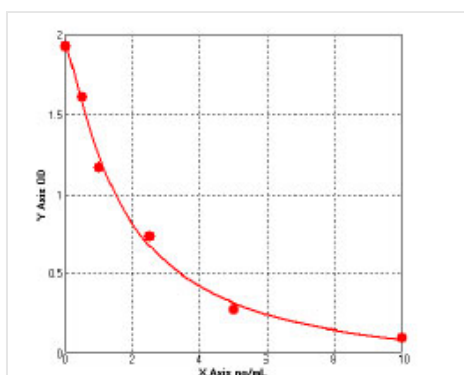
PRODUCT SYNONYMS

Adenylosuccinate synthetase isozyme 2 (ADSS); Monkey Adenylosuccinate synthetase isozyme 2 (ADSS) ELISA Kit; ADSS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADSS elisa kit

Intended Uses: This ADSS ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ADSS. This ELISA kit for research use only!

Principle of the Assay: ADSS ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-ADSS antibody and an ADSS-HRP conjugate. The assay sample and buffer are incubated together with ADSS-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 ADSS concentration since ADSS from samples and ADSS-HRP conjugate compete for the anti-ADSS antibody binding site. Since the number of sites is limited, as more sites are occupied by ADSS from the sample, fewer sites are left to bind ADSS-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ADSS concentration in each sample is interpolated from this standard curve.

Product Categories/Family for ADSS elisa kit

[Epigenetics and Nuclear Signaling](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	34577063
NCBI GeneID	159
NCBI Accession #	NP_001117.2
NCBI GenBank Nucleotide #	NM_001126.3
Molecular Weight	50,097 Da
NCBI Official Full Name	adenylosuccinate synthetase isozyme 2
NCBI Official Synonym Full Names	adenylosuccinate synthase
NCBI Official Symbol	ADSS
NCBI Official Synonym Symbols	ADEH; ADSS 2
NCBI Protein Information	adenylosuccinate synthetase isozyme 2; AMPSase 2; IMP--aspartate ligase 2; L-type adenylosuccinate synthetase; adenylosuccinate synthetase, liver isozyme; adenylosuccinate synthetase, acidic isozyme; adenylosuccinate synthetase (Ade(-)H-complementing)
UniProt Protein Name	Adenylosuccinate synthetase isozyme 2
UniProt Gene Name	ADSS
UniProt Synonym Gene Names	ADSS2; AMPSase 2; AdSS 2; L-type adenylosuccinate synthetase
UniProt Entry Name	PURA2_HUMAN

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/monkey-elisa-kits/adenylosuccinate-synthetase-isozyme-2-adss/246254>