

Chicken Adenosine Deaminase ELISA Kit | ADA elisa kit

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CATALOG # AAA91283	REACTIVITY Chicken
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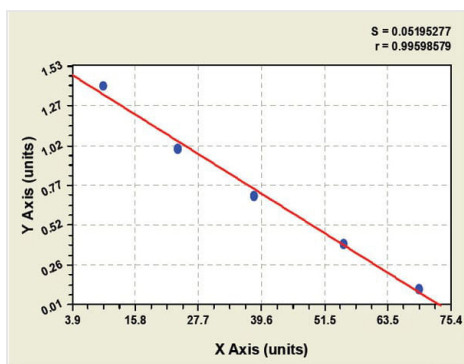
PRODUCT SYNONYMS

Adenosine Deaminase; Chicken Adenosine Deaminase ELISA Kit; ADA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This ADA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken ADA. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	47078295
NCBI GeneID	100
NCBI Accession #	NP_000013.2
NCBI GenBank Nucleotide #	NM_000022.2
Molecular Weight	40,764 Da
NCBI Official Full Name	adenosine deaminase
NCBI Official Synonym Full Names	adenosine deaminase
NCBI Official Symbol	ADA
NCBI Protein Information	adenosine deaminase; adenosine aminohydrolase
UniProt Protein Name	Adenosine deaminase
UniProt Gene Name	ADA
UniProt Synonym Gene Names	ADA1
UniProt Entry Name	ADA_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/ada-chicken-elisa-kits/adenosine-deaminase/91283>