

Human adenosine deaminase ELISA Kit | ADA elisa kit

Human adenosine deaminase, ADA ELISA Kit

CATALOG #
AAA79531

REACTIVITY
Human

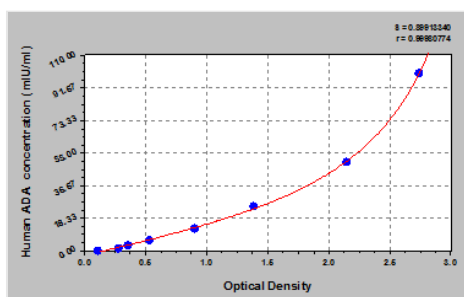
PRODUCT SYNONYMS

adenosine deaminase; Human adenosine deaminase; ADA ELISA Kit; adenosine aminohydrolase; ADA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human ADA. No significant cross-reactivity or interference between human ADA and analogues was observed.
Sequence Length	363
Samples	Serum, urine, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1.56 mIU/ml-100 mIU/ml
Sensitivity	<0.39 mIU/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADA elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ADA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ADA present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ADA is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ADA bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47078295
NCBI GeneID	100
NCBI Accession #	NP_000013.2
NCBI GenBank Nucleotide #	NM_000022.2
UniProt Accession #	P00813; Q53F92; Q6LA59
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-human-elisa-kits/adenosine-deaminase/79531>