

Adenosine Deaminase (ADA) Activity Assay Kit | ADA assay kit

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CATALOG #
AAA178001

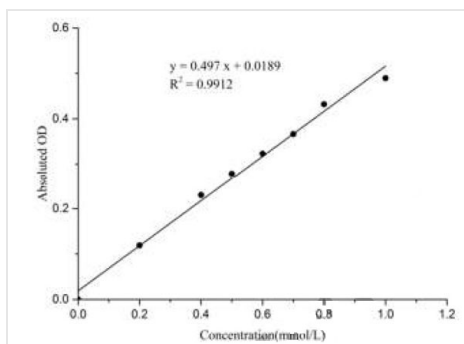
PRODUCT SYNONYMS

Adenosine Deaminase (ADA) Activity; Adenosine Deaminase (ADA) Activity Assay Kit; ADA assay kit

PRODUCT SPECIFICATIONS

Specificity	96T (Can detect 80 samples without duplication)
Samples	Serum, plasma and animal tissue samples
Detection Range	0.03-99 U/L
Sensitivity	0.03 U/L
Intra-assay Precision	The intra-assay CV is 3%.
Inter-assay Precision	The inter-assay CV is 6%.
Preparation and Storage	Store at 2-8 degree C. Valid for 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADA assay kit

Principle of the Assay: Adenosine deaminase (ADA) can hydrolyzed the substrate adenosine to form hypoxanthine riboside, which is hydrolyzed by purine riboside phosphatase to produce hypoxanthine and phosphate ribose. Under the action of xanthine oxidase, hypoxanthine produces hydrogen peroxide, which produces red substance under the action of peroxidase, 4-aminotepyrine and color source. The red substance has the maximum absorption peak at 550 nm and the changes of absorbance is proportional to the activity of ADA.

NCBI AND UNIPROT INFORMATION

NCBI GI #	28380
UniProt Accession #	P00813; Q53F92; Q6LA59

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/assay-kits/adenosine-deaminase-ada-activity/178001>