

Human Aspartate aminotransferase (AST) ELISA Kit | AST elisa kit

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CATALOG #
AAA55120

REACTIVITY
Human

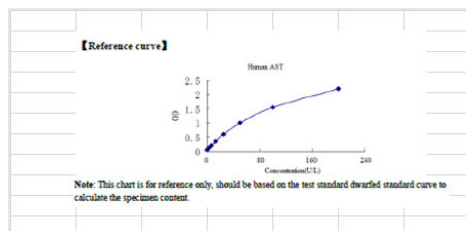
PRODUCT SYNONYMS

Aspartate aminotransferase (AST); Human Aspartate aminotransferase (AST) ELISA Kit; AST elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Sequence Length	448
Assay Type	Sandwich
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AST elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human AST monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

334187077

NCBI GeneID	829330
NCBI Accession #	NP_001190885.1
NCBI GenBank Nucleotide #	NM_001203956.1
Molecular Weight	49,831 Da
NCBI Official Full Name	aspartate aminotransferase
NCBI Official Symbol	ASP5
NCBI Official Synonym Symbols	AAT3; ASP5; ASPARTATE AMINOTRANSFERASE; aspartate aminotransferase 5; ASPARTATE AMINOTRANSFERASE DEFICIENT 3; ATAAT1; F11C18.15
NCBI Protein Information	aspartate aminotransferase
UniProt Protein Name	Aspartate aminotransferase, chloroplastic
UniProt Gene Name	ASP5
UniProt Synonym Gene Names	AAT1; At4g31990; F10N7.200
UniProt Entry Name	AAT5_ARATH

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/human-elisa-kits/aspartate-aminotransferase-ast/55120>