

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

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CATALOG # AAA12773	REACTIVITY Rat
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	No cross-reaction with other factors.
Sequence Length	448
Samples	Rat serum, plasma or cell culture supernatant
Assay Type	Quantitative Sandwich
Detection Range	200 U/L-3.12 U/L
Sensitivity	Up to 0.6 U/L
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: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is Rat AST monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.
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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/rat-elisa-kits/aspartate-aminotransferase-ast/12773>