

Rat Aspartate aminotransferase, mitochondrial ELISA Kit | Got2 elisa kit

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CATALOG #
AAA56454

REACTIVITY
Rat

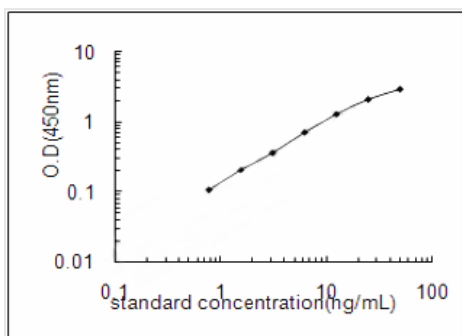
PRODUCT SYNONYMS

Aspartate aminotransferase; mitochondrial; Rat Aspartate aminotransferase; mitochondrial ELISA Kit; Got2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat mAspAT. No significant cross-reactivity or interference was observed.
Sequence Length	430
Assay Type	Sandwich
Detection Range	0.78-50 ng/mL
Sensitivity	0.402 ng/mL
Intra-Assay CV	<=5.7%
Inter-Assay CV	<=10.6%
Recovery	104%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Got2 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to mAspAT. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for mAspAT and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain mAspAT, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of mAspAT in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6980972
NCBI GeneID	25721
NCBI Accession #	NP_037309.1
NCBI GenBank Nucleotide #	NM_013177.2
UniProt Accession #	P00507; Q64551; Q9QV50
Molecular Weight	47,314 Da
NCBI Official Full Name	aspartate aminotransferase, mitochondrial
NCBI Official Synonym Full Names	glutamic-oxaloacetic transaminase 2
NCBI Official Symbol	Got2
NCBI Official Synonym Symbols	ASPATA
NCBI Protein Information	aspartate aminotransferase, mitochondrial
UniProt Protein Name	Aspartate aminotransferase, mitochondrial
UniProt Gene Name	Got2
UniProt Synonym Gene Names	Maat; mAspAT; FABP-1; FABPpm
UniProt Entry Name	AATM_RAT

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/got2-rat-elisa-kits/aspartate-aminotransferase-mitochondrial/56454>