

Mouse Arginase-1 ELISA Kit | Arg1 elisa kit

Mouse Arginase-1 ELISA Kit

CATALOG #
AAA23201

REACTIVITY
Mouse

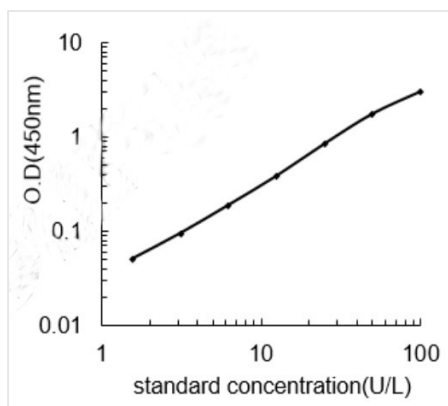
PRODUCT SYNONYMS

Arginase-1; Mouse Arginase-1 ELISA Kit; Liver-type arginase; Type I arginase; Arg1; 3.5.3.1; Arg1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Arginase-1
Sequence Length	323
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	1.56 U/L- 100 U/L
Sensitivity	< 0.78 U/L
Intra-assay Precision	<5.8%
Inter-assay Precision	<7.9%
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 Arg1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	7106255
NCBI GeneID	11846
NCBI Accession #	NP_031508.1
NCBI GenBank Nucleotide #	NM_007482.3
UniProt Accession #	Q61176; Q3TB74; Q3UEL0; Q4FK78; Q80VI4
Molecular Weight	34,808 Da
NCBI Official Full Name	arginase-1
NCBI Official Synonym Full Names	arginase, liver
NCBI Official Symbol	Arg1
NCBI Official Synonym Symbols	AI; PGIF; Arg-1; AI256583
NCBI Protein Information	arginase-1
UniProt Protein Name	Arginase-1
UniProt Gene Name	Arg1
UniProt Entry Name	ARGI1_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/arg1-mouse-elisa-kits/arginase-1/23201>