

Rat Arginase-1 ELISA Kit | Arg1 elisa kit

Rat Arginase-1 ELISA Kit

CATALOG #
AAA13360

REACTIVITY
Rat

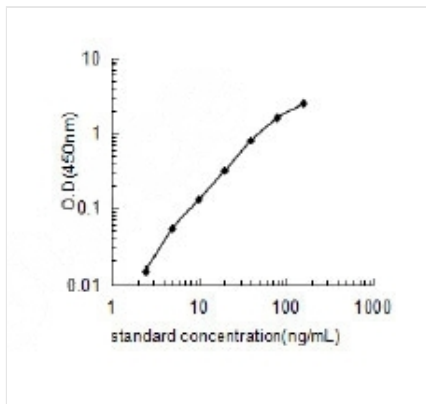
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat Arginase-1
Sequence Length	323
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	2.5-160 ng/mL
Sensitivity	< 1.25 ng/mL
Intra-assay Precision	<=6.4%
Inter-assay Precision	<=9.6%
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 #	166091458
NCBI GeneID	29221
NCBI Accession #	NP_058830.2
NCBI GenBank Nucleotide #	NM_017134.3
UniProt Accession #	P07824; Q5BK93
Molecular Weight	34,973 Da
NCBI Official Full Name	arginase-1
NCBI Official Synonym Full Names	arginase 1
NCBI Official Symbol	Arg1
NCBI Protein Information	arginase-1
UniProt Protein Name	Arginase-1
UniProt Gene Name	Arg1
UniProt Entry Name	ARGI1_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.