

Mouse Arginase-1 (ARG1) ELISA Kit | ARG1 elisa kit

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CATALOG #
AAA121505

REACTIVITY
Mouse

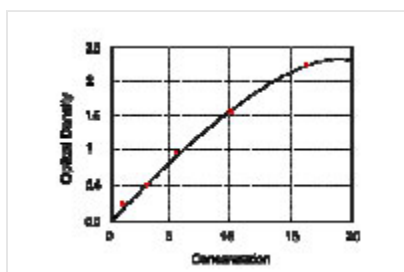
PRODUCT SYNONYMS

Arginase-1 (ARG1); Mouse Arginase-1 (ARG1) ELISA Kit; ARG1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	323
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	20-4500ng/L
Sensitivity	5.28ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ARG1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Arginase-1 (also known as ARG1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse ARG1 antibody. ARG1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse ARG1 Antibody is added and binds to ARG1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ARG1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse ARG1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	528078175
NCBI GeneID	101825450
NCBI Accession #	NP_001268574.1
NCBI GenBank Nucleotide #	NM_001281645.1
NCBI Official Full Name	arginase-1
NCBI Official Symbol	Arg1
NCBI Official Synonym Symbols	arginase-1
NCBI Protein Information	arginase-1

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/mouse-elisa-kits/arginase-1-arg1/121505>