

Human Arginase-1, ARG1 ELISA Kit | ARG1 elisa kit

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CATALOG #
AAA123474

REACTIVITY
Human

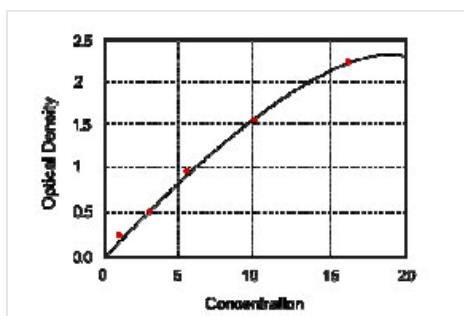
PRODUCT SYNONYMS

Arginase-1; ARG1; Human Arginase-1; ARG1 ELISA Kit; ARG1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	323
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.5-200ng/mL
Sensitivity	0.35ng/mL
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 Human 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 Human ARG1 antibody. ARG1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human 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 Human ARG1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	166091458
NCBI GeneID	29221
NCBI GenBank Nucleotide #	NP_058830.2
UniProt Accession #	P07824
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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/arginase-1-arg1/123474>