

Human Arginase, Arg ELISA Kit | Arg elisa kit

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CATALOG #
AAA42126

REACTIVITY
Human

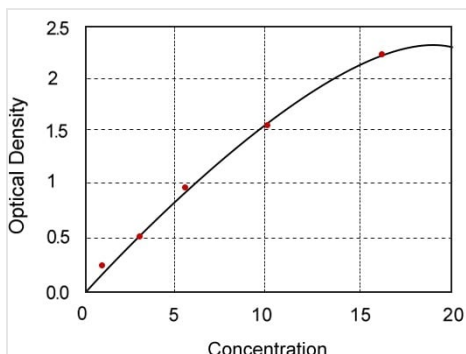
PRODUCT SYNONYMS

Arginase; Arg; Human Arginase; Arg ELISA Kit; Arg elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	322
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1ng/ml - 400ng/ml
Sensitivity	0.52ng/ml
Intra-Assay	CV<8%
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 Arg elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Arginase (also known as Arg) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human Arg antibody. Arg present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human Arg Antibody is added and binds to Arg in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Arg 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 Arg. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1197498
NCBI GeneID	383
UniProt Accession #	P05089; Q5JWT5; Q5JWT6; Q8TE72; Q9BS50; A6NEA0
Molecular Weight	35,664 Da
NCBI Official Full Name	arginase
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

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://www.aaabiotech.com/human-elisa-kits/arginase-arg/42126>