

Rat Arg ELISA Kit | Arg elisa kit

Rat Arg (Arginase) ELISA Kit

CATALOG #
AAA164572

REACTIVITY
Rat

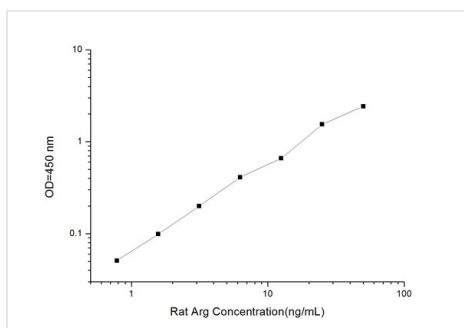
PRODUCT SYNONYMS

Arg; Rat Arg (Arginase) ELISA Kit; Arg elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat Arg. No significant cross-reactivity or interference between Rat Arg and analogues was observed.
Sequence Length	1043
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.781-50ng/mL
Sensitivity	Min: 0.469ng/mL; Max: 50ng/mL
Intended Uses	This ELISA kit applies to the in vitro quantitative determination of Rat Arg concentrations in serum, plasma and other biological fluids.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Arg elisa kit	Principle of the assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Arg. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Arg and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Arg, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Arg. You can calculate the concentration of Arg in the samples by comparing the OD of the samples to the standard curve.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	269847793
NCBI GeneID	27
NCBI Accession #	NP_001161711.1
NCBI GenBank Nucleotide #	NM_001168239.1
UniProt Accession #	P42684; Q5T0X6; Q5W0C5; Q6NZY6; Q7Z301; A0M8X0; B7UEF2; B7UEF3; B7UEF4; B7UEF5
Molecular Weight	60,864 Da
NCBI Official Full Name	Abelson tyrosine-protein kinase 2 isoform i
NCBI Official Synonym Full Names	ABL proto-oncogene 2, non-receptor tyrosine kinase
NCBI Official Symbol	ABL2
NCBI Official Synonym Symbols	ARG; ABLL
NCBI Protein Information	Abelson tyrosine-protein kinase 2; abelson-related gene protein; c-abl oncogene 2, non-receptor tyrosine kinase; tyrosine-protein kinase ARG; v-abl Abelson murine leukemia viral oncogene homolog 2
UniProt Protein Name	Abelson tyrosine-protein kinase 2
UniProt Gene Name	ABL2
UniProt Synonym Gene Names	ABLL; ARG
UniProt Entry Name	ABL2_HUMAN

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.