

Sheep Arginase ELISA Kit | Arg elisa kit

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CATALOG #
AAA90896

REACTIVITY
Sheep

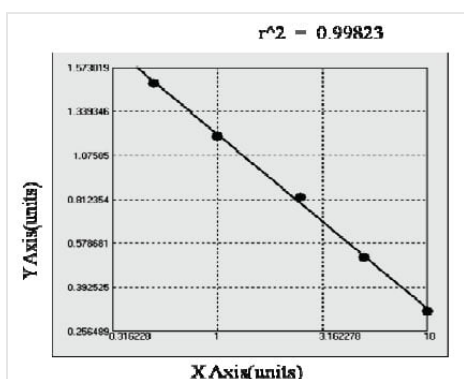
PRODUCT SYNONYMS

Arginase; Sheep Arginase ELISA Kit; Arg elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ug/mL.
Intended Uses	This Arg ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep Arg. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Arg elisa kit

Principle of the Assay: Arg ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Arg antibody and an Arg-HRP conjugate. The assay sample and buffer are incubated together with Arg-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the Arg concentration since Arg from samples and Arg-HRP conjugate compete for the anti-Arg antibody binding site. Since the number of sites is limited, as more sites are occupied by Arg from the sample, fewer sites are left to bind Arg-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Arg concentration in each sample is interpolated from this standard curve.

Product Categories/Family for Arg elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	320333175
NCBI GeneID	10149885
NCBI Accession #	YP_004169886.1
NCBI GenBank Nucleotide #	NC_014958.1
Molecular Weight	31,474 Da
NCBI Official Full Name	arginase
NCBI Official Symbol	Deima_0562
NCBI Protein Information	arginase
UniProt Protein Name	Arginase
UniProt Entry Name	E8U582_DEIML

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/arg-sheep-elisa-kits/arginase/90896>