

Porcine Alpha-1-microglobulin bikunin precursor ELISA Kit | AMBP elisa kit

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CATALOG #
AAA93310

REACTIVITY
Porcine

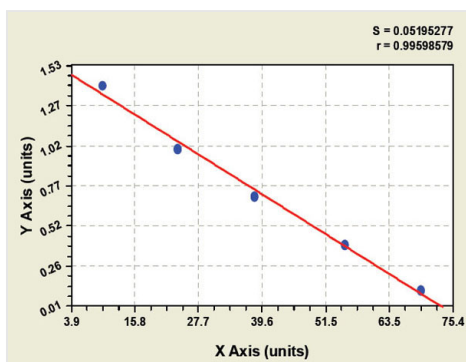
PRODUCT SYNONYMS

Alpha-1-microglobulin bikunin precursor; Porcine Alpha-1-microglobulin bikunin precursor ELISA Kit; AMBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This AMBP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine AMBP. 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 AMBP elisa kit

Principle of the Assay: AMBP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-AMBP antibody and an AMBP-HRP conjugate. The assay sample and buffer are incubated together with AMBP-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 AMBP concentration since AMBP from samples and AMBP-HRP conjugate compete for the anti-AMBP antibody binding site. Since the number of sites is limited, as more sites are occupied by AMBP from the sample, fewer sites are left to bind AMBP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AMBP concentration in each sample is interpolated from this standard curve.

Product Categories/Family for AMBP elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	117168600
Molecular Weight	40,130 Da
NCBI Official Full Name	AmbP
UniProt Protein Name	AmbP
UniProt Gene Name	ambP
UniProt Entry Name	A1YBR2_SORCE

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/ambp-porcine-elisa-kits/alpha-1-microglobulin-bikunin-precursor/93310>