

Sheep Azurocidin 1 ELISA Kit | AZU1 elisa kit

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CATALOG #
AAA94997

REACTIVITY
Sheep

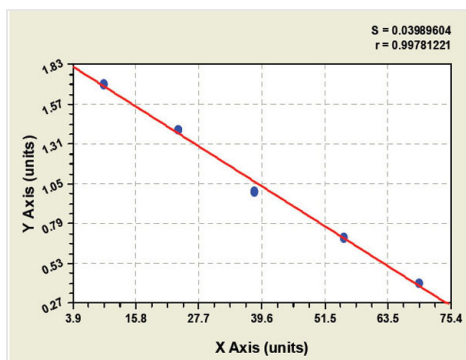
PRODUCT SYNONYMS

Azurocidin 1; Sheep Azurocidin 1 ELISA Kit; AZU1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AZU1 elisa kit

Intended Uses: This AZU1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep AZU1. This ELISA kit for research use only!

Principle of the Assay: AZU1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-AZU1 antibody and an AZU1-HRP conjugate. The assay sample and buffer are incubated together with AZU1-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 AZU1 concentration since AZU1 from samples and AZU1-HRP conjugate compete for the anti-AZU1 antibody binding site. Since the number of sites is limited, as more sites are occupied by AZU1 from the sample, fewer sites are left to bind AZU1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AZU1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11342670
NCBI GeneID	566
NCBI Accession #	NP_001691.1
NCBI GenBank Nucleotide #	NM_001700.3
Molecular Weight	26,886 Da
NCBI Official Full Name	azurocidin preproprotein
NCBI Official Synonym Full Names	azurocidin 1
NCBI Official Symbol	AZU1
NCBI Official Synonym Symbols	AZU; HBP; NAZC; AZAMP; CAP37; HUMAZUR
NCBI Protein Information	azurocidin; neutrophil azurocidin; heparin-binding protein; cationic antimicrobial protein 37; cationic antimicrobial protein CAP37
UniProt Protein Name	Azurocidin
UniProt Gene Name	AZU1
UniProt Synonym Gene Names	HBP
UniProt Entry Name	CAP7_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.

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Online datasheet: <https://stage.aaabiotech.com/azu1-sheep-elisa-kits/azurocidin-1/94997>