

Rabbit azurocidin ELISA Kit | AZU elisa kit

Rabbit azurocidin ELISA Kit

CATALOG #
AAA82061

REACTIVITY
Rabbit

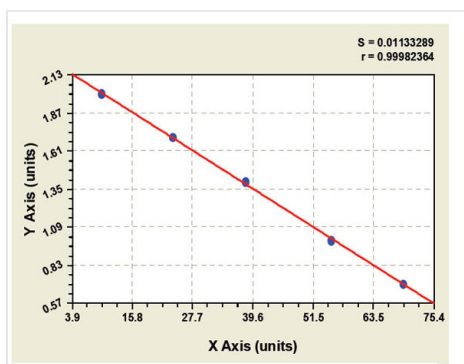
PRODUCT SYNONYMS

azurocidin; Rabbit azurocidin ELISA Kit; azurocidin (Rabbit); AZU elisa kit

PRODUCT SPECIFICATIONS

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

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

Product Categories/Family for AZU elisa kit

Rabbit ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	11342670
NCBI GeneID	566
NCBI Accession #	NP_001691.1
NCBI GenBank Nucleotide #	NM_001700.3
UniProt Accession #	P20160; P80014; Q52LG4; Q9UCM1; Q9UCT5; Q86SR2
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 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/azu-rabbit-elisa-kits/azurocidin/82061>