

Human azurocidin 1 ELISA Kit | AZU1 elisa kit

Human Azurocidin/Heparin Binding Protein, AZU/HBP ELISA Kit

CATALOG #
AAA79989

REACTIVITY
Human

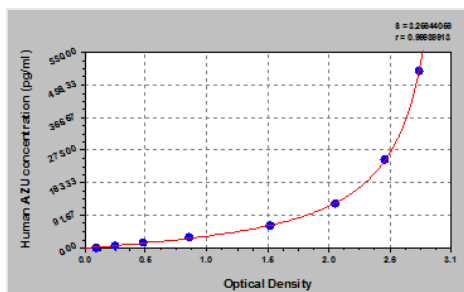
PRODUCT SYNONYMS

azurocidin 1; Human Azurocidin/Heparin Binding Protein; AZU/HBP ELISA Kit; Human Azurocidin/Heparin Binding Protein (AZU/HBP) ELISA Kit; AZAMP; AZU; CAP37; HBP; HUMAZUR; NAZC; cationic antimicrobial protein 37; heparin-binding protein; neutrophil azurocidin; AZU1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human AZU. No significant cross-reactivity or interference between human AZU and analogues was observed.
Sequence Length	251
Assay Type	Quantitative Sandwich
Samples	Serum, urine, tissue homogenates, cell culture supernates
Detection Range	7.8 pg/ml-500 pg/ml
Sensitivity	< 1.95 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AZU1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for AZU has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any AZU present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for AZU is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of AZU bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/azu1-human-elisa-kits/azurocidin-1/79989>