

Human Azurocidin AccuSignal ELISA Kit - KOA0667

Code: KOA0667

Size: 1 Kit

Product Description: Human Azurocidin AccuSignal ELISA Kit - KOA0667

PhysicalState:

Label	Unconjugated
Gene Name	AZU1
Species Reactivity	Human
Storage Condition	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.
Synonyms	Azu 1, AZU1, Azurocidin, CAP37, CAP7_HUMAN, Cationic antimicrobial protein 37, Cationic antimicrobial protein CAP37, HBP, Heparin binding protein, Heparin-binding protein, HUMAZUR, Neutrophil azurocidin
Application Note	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of the 4000pg/ml, 2000pg/ml, 1000pg/ml, 500pg/ml, 250pg/ml, 125pg/ml, 62.5pg/ml human Azurocidin standard solutions into the precoated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of human cell culture supernates, serum or plasma (heparin, EDTA) to each empty well. It is recommended that each human Azurocidin standard solution and each sample be measured in duplicate.
Background	Azurocidin, also known as cationic antimicrobial protein CAP37 or heparin-binding protein (HBP), is a protein that in humans is encoded by the AZU1 gene. This encoded protein is a member of the serine protease gene family, but it is not a serine proteinase, because the active site serine and histidine residues are replaced. Azurocidin is mapped to 19p13.3. The protein encoded by this gene is an azurophil granule antibiotic protein, with antibacterial activity. It is also an important multifunctional inflammatory mediator. In addition to it, Azurocidin is also a specific chemoattractant for monocytes. It lacks the chemotactic activity for neutrophils and lymphocytes, and this gene is probably responsible for the wave of monocytes that follows the initial wave of PMNs typical of the inflammatory response.
Purity And Specificity	Natural and recombinant human Azurocidin. There is no detectable cross-reactivity with other relevant proteins.
ELISA	62.5pg/ml-4000pg/ml
Expiration	See kit insert for complete instructions.
Immunogen	Expression system for standard: NSO; Immunogen sequence: I27-P248
Anti-Coagulant	Heparin Sodium

Related Products

MB-008	10X PBS pH 7.2 (0.2 M Potassium Phosphate 1.5 M Sodium Chloride) - MB-008
MB-012	10X TBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride) - MB-012
MB-013	10X TTBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride 0.1% (w/v) Tween-20) - MB-013
MB-075-1000	10X PBST (0.2 M Potassium Phosphate 1.5 M Sodium Chloride, 0.5% (v/v) Tween-20, pH 7.2) - MB-075-1000

Related Links

UniProtKB - P20160

<http://www.uniprot.org/uniprot/P20160>

 NCBI - http://www.ncbi.nlm.nih.gov/protein/NP_001691.1

GeneID - 566

<http://www.ncbi.nlm.nih.gov/sites/entrez?db=gene&term=566>

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