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Produktinformation



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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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FastELISA™ AZU1 (Human) ELISA Kit

Catalog # KA7048

Size 1 Kit

Specification

Product Description	FastELISA™ AZU1 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of Human AZU1 (Azurocidin, Heparin binding protein) in Serum.
Suitable Sample	Serum, Plasma, etc.
Sample Volume	50 μ L
Detection Method	Colormetric
Assay Type	Quantitative
Calibration Range	39-2500 pg/mL
Limit of Detection	39 pg/mL
Specificity	This assay is highly specific for detection of Human AZU1. No significant cross-reactivity or interference between Human AZU1 and analogues was observed.
Regulation Status	For research use only (RUO)
Storage Instruction	Store at 2-8°C for 6 months. For long term storage store at -20°C. Avoid repeated freezing and thawing.

Applications

- Quantification

Gene Info — AZU1

Entrez GeneID [566](#)**Gene Name** AZU1

Gene Alias	AZAMP, AZU, CAP37, HBP, HUMAZUR, NAZC
Gene Description	azurocidin 1
Omim ID	162815
Gene Ontology	Hyperlink
Gene Summary	Azurophil granules, specialized lysosomes of the neutrophil, contain at least 10 proteins implicated in the killing of microorganisms. The protein encoded by this gene is an azurophil granule antibiotic protein, with monocyte chemotactic and antibacterial activity. It is also an important multifunctional inflammatory mediator. 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. The genes encoding this protein, neutrophil elastase 2, and proteinase 3 are in a cluster located at chromosome 19pter. All 3 genes are expressed coordinately and their protein products are packaged together into azurophil granules during neutrophil differentiation. [provided by RefSeq]
Other Designations	cationic antimicrobial protein 37 heparin-binding protein neutrophil azurocidin

Disease

- [HIV Infections](#)