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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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™ NLRP3 (Human) ELISA Kit

Catalog # KA7057

Size 1 Kit

Specification

Product Description	FastELISA™ NLRP3 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of Human NLRP3 (NLR family pyrin domain containing 3) in Serum, plasma.
Suitable Sample	Serum, Plasma, etc.
Sample Volume	50 μ L
Detection Method	Colormetric
Assay Type	Quantitative
Calibration Range	0.16-10 ng/mL
Limit of Detection	37 ng/mL
Specificity	This assay is highly specific for detection of Human NLRP3. No significant cross-reactivity or interference between Human NLRP3 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 — NLRP3

Entrez GeneID [114548](#)**Gene Name** NLRP3

Gene Alias	AGTAVPRL, AII, AII/AVP, AVP, C1orf7, CIAS1, CLR1.1, FCAS, FCU, FLJ95925, MWS, NALP3, PYPAF1
Gene Description	NLR family, pyrin domain containing 3
Omim ID	120100 191900 606416 607115
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a pyrin-like protein containing a pyrin domain, a nucleotide-binding site (NBS) domain, and a leucine-rich repeat (LRR) motif. This protein interacts with the apoptosis-associated speck-like protein PYCARD/ASC, which contains a caspase recruitment domain, and is a member of the NALP3 inflammasome complex. This complex functions as an upstream activator of NF-kappaB signaling, and it plays a role in the regulation of inflammation, the immune response, and apoptosis. Mutations in this gene are associated with familial cold autoinflammatory syndrome (FCAS), Muckle-Wells syndrome (MWS), chronic infantile neurological cutaneous and articular (CINCA) syndrome, and neonatal-onset multisystem inflammatory disease (NOMID). Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. Alternative 5' UTR structures are suggested by available data; however, insufficient evidence is available to determine if all of the represented 5' UTR splice patterns are biologically valid. [provided by RefSeq]
Other Designations	AII/AVP receptor-like NACHT domain-, leucine-rich repeat-, and PYD-containing protein 3 NACHT, LRR and PYD containing protein 3 OTTHUMP00000038408 OTTHUMP00000038409 OTTHUMP00000038410 PYRIN-containing APAF1-like protein 1 angiotensin/vasopressin receptor

Disease

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