



Human Legumain(LGMN) ELISA kit

Product Code	CSB-EL012903HU
Abbreviation	LGMN
Target Name	legumain
Uniprot No.	Q99538
Alias	AEP, LGMN1, PRSC1, asparaginyl endopeptidase cysteine protease 1 protease, cysteine, 1 (legumain)
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, tissue homogenates
Detection Range	62.5 pg/mL-4000 pg/mL
Sensitivity	15.6 pg/mL
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Cancer
Gene Names	LGMN
Tag Info	quantitative
Protein Description	Sandwich
Target Details	<p>This gene encodes a cysteine protease that has a strict specificity for hydrolysis of asparaginyl bonds. This enzyme may be involved in the processing of bacterial peptides and endogenous proteins for MHC class II presentation in the lysosomal/endosomal systems. Enzyme activation is triggered by acidic pH and appears to be autocatalytic. Protein expression occurs after monocytes differentiate into dendritic cells. A fully mature, active enzyme is produced following lipopolysaccharide expression in mature dendritic cells.</p> <p>Overexpression of this gene may be associated with the majority of solid tumor types. This gene has a pseudogene on chromosome 13. Several alternatively spliced transcript variants have been described, but the biological validity of only two has been determined. These two variants encode the same isoform.</p>
Product Precision	
Linearity	
Recovery	
Typical	

**Msd**s

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