

Human Leukocyte Elastase Inhibitor (LEI) RTU ELISA Kit | LEI rtu elisa kit

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CATALOG #
AAA216765

REACTIVITY
Human

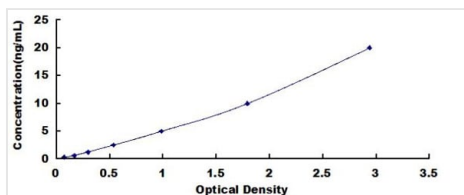
PRODUCT SYNONYMS

Leukocyte Elastase Inhibitor (LEI); Human Leukocyte Elastase Inhibitor (LEI) ELISA Kit; SERPINB1; EI; ELANH2; LEI; M/NEI; MNEI; PI2; Serpin Peptidase Inhibitor Clade B Member 1; Anti-Elastase; Monocyte/Neutrophil Elastase Inhibitor; LEI rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	379
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.117ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LEI rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to LEI. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to LEI. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain LEI, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of LEI in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13489087
NCBI GeneID	1992
NCBI Accession #	NP_109591.1
NCBI GenBank Nucleotide #	NM_030666.3
UniProt Accession #	P30740; Q53FB9; Q5W0E1; Q9UDF8; A8K5L2; B4DNT0
Molecular Weight	26,073 Da
NCBI Official Full Name	leukocyte elastase inhibitor
NCBI Official Synonym Full Names	serpin family B member 1
NCBI Official Symbol	SERPINB1
NCBI Official Synonym Symbols	EI; LEI; PI2; MNEI; PI-2; HEL57; M/NEI; ELANH2; HEL-S-27
NCBI Protein Information	leukocyte elastase inhibitor
UniProt Protein Name	Leukocyte elastase inhibitor
UniProt Gene Name	SERPINB1
UniProt Synonym Gene Names	ELANH2; MNEI; PI2; LEI; EI; M/NEI; PI-2

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.

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Online datasheet: <https://stage.aaabiotech.com/human-rtu-elisa-kits/leukocyte-elastase-inhibitor-lei/216765>