

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

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CATALOG #
AAA41996

REACTIVITY
Human

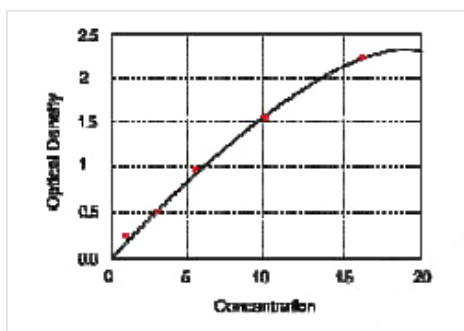
PRODUCT SYNONYMS

Leukocyte Elastase Inhibitor (LEI); Human Leukocyte Elastase Inhibitor (LEI) ELISA Kit; LEI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	379
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	10pg/ml-3000pg/ml
Sensitivity	5.12pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LEI elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human L-Dihydroxyphenylalanine (also known as L-DOPA) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human L-DOPA antibody. L-DOPA present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human L-DOPA Antibody is added and binds to L-DOPA in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated L-DOPA antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human L-DOPA. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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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.