

Human ELA2 (Elastase 2, Neutrophil) ELISA Kit | ELA2 elisa kit

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CATALOG #
AAA278159

REACTIVITY
Human

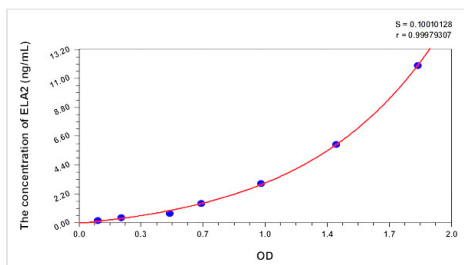
PRODUCT SYNONYMS

ELA2 (Elastase 2; Neutrophil); Human ELA2 (Elastase 2; Neutrophil) ELISA Kit; ELANE; HLE; HNE; NE; PMN-E; Neutrophil Elastase; Medullasin; Polymorphonuclear Leukocyte Elastase; Bone Marrow Serine Protease; Human Leukocyte Elastase; PMN Elastase; ELA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	serum, plasma, tissue homogenates, cell lysates and other biological fluids
Detection Range	1.57-100ng/mL
Sensitivity	0.58ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ELA2 elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human ELA2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human ELA2. 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 Human ELA2, 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 +/- 10nm. The concentration of Human ELA2 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for ELA2 elisa kit

[Enzyme & Kinase](#); [Infection immunity](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503549
NCBI GeneID	1991

NCBI Accession #	NP_001963.1
NCBI GenBank Nucleotide #	NM_001972.2
UniProt Accession #	P08246 ; P09649 ; Q6B0D9 ; Q6LDP5
Molecular Weight	28,518 Da
NCBI Official Full Name	neutrophil elastase preproprotein
NCBI Official Synonym Full Names	elastase, neutrophil expressed
NCBI Official Symbol	ELANE
NCBI Official Synonym Symbols	GE; NE; HLE; HNE; ELA2; SCN1; PMN-E
NCBI Protein Information	neutrophil elastase; elastase-2; medullasin; PMN elastase; leukocyte elastase; elastase 2, neutrophil; human leukocyte elastase; polymorphonuclear elastase; bone marrow serine protease; granulocyte-derived elastase
UniProt Protein Name	Neutrophil elastase
UniProt Gene Name	ELANE
UniProt Synonym Gene Names	ELA2; HLE
UniProt Entry Name	ELNE_HUMAN

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-elisa-kits/ela2-elastase-2-neutrophil/278159>