

Rat Elastase 2, Neutrophil (ELA2) RTU ELISA Kit | ELA2 rtu elisa kit

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CATALOG #
AAA70390

REACTIVITY
Rat

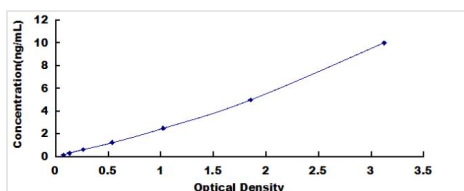
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	271
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.069ng/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 ELA2 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ELA2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to 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 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 $\pm$ 10nm. The concentration of ELA2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157820929
NCBI GeneID	299606
NCBI Accession #	NP_001100237.1
NCBI GenBank Nucleotide #	NM_001106767.1
UniProt Accession #	D4A488
Molecular Weight	29,557 Da
NCBI Official Full Name	neutrophil elastase
NCBI Official Synonym Full Names	elastase, neutrophil expressed
NCBI Official Symbol	Elane
NCBI Official Synonym Symbols	Ela2
NCBI Protein Information	neutrophil elastase
UniProt Protein Name	Elastase 2, neutrophil (Predicted)
UniProt Gene Name	Elane

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/rat-rtu-elisa-kits/elastase-2-neutrophil-ela2/70390>