

Rabbit neutrophil elastase ELISA Kit | NE elisa kit

Rabbit neutrophil elastase (NE) ELISA Kit

CATALOG #
AAA55900

REACTIVITY
Rabbit

PRODUCT SYNONYMS

neutrophil elastase; Rabbit neutrophil elastase (NE) ELISA Kit; NE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of Rabbit NE. No significant cross-reactivity or interference between Rabbit NE and analogues was observed.
Sequence Length	267
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.31 ng/mL - 20 ng/mL
Sensitivity	0.15 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times 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 forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for NE elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate NE in Rabbit serum, plasma. An antibody specific for NE has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NE present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NE is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of NE bound in the initial step. The color development is stopped and the intensity of the color is measured.

Intended Uses: For the quantitative detection of Rabbit Neutrophil elastase (NE) concentration in serum, plasma and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503549
NCBI GeneID	1991
NCBI Accession #	NP_001963.1
NCBI GenBank Nucleotide #	NM_001972.3
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
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://www.aaabiotech.com/ne-rabbit-elisa-kits/neutrophil-elastase/55900>