

Monkey Anti-Neutrophil Elastase Antibody ELISA Kit | ANEA elisa kit

Monkey Anti-Neutrophil Elastase Antibody ELISA Kit

CATALOG #
AAA95084

REACTIVITY
Monkey

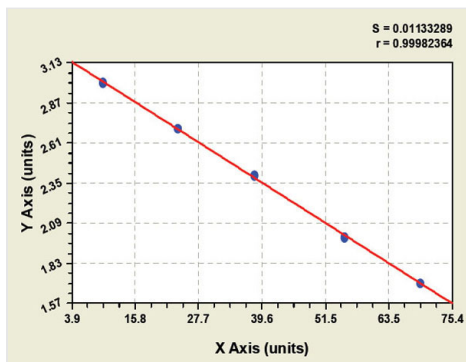
PRODUCT SYNONYMS

Anti-Neutrophil Elastase Antibody; Monkey Anti-Neutrophil Elastase Antibody ELISA Kit; ANEA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ANEA elisa kit

Intended Uses: This ANEA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey ANEA. This ELISA kit for research use only!

Principle of the Assay: ANEA ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ANEA antibody and an ANEA-HRP conjugate. The assay sample and buffer are incubated together with ANEA-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ANEA concentration since ANEA from samples and ANEA-HRP conjugate compete for the anti-ANEA antibody binding site. Since the number of sites is limited, as more sites are occupied by ANEA from the sample, fewer sites are left to bind ANEA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ANEA concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	386981
NCBI GeneID	1991
Molecular Weight	28,518 Da
NCBI Official Full Name	neutrophil elastase, partial
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/anea-monkey-elisa-kits/anti-neutrophil-elastase-antibody/95084>