

Human Elastase ELISA Kit

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CATALOG #
AAA42508

REACTIVITY
Human

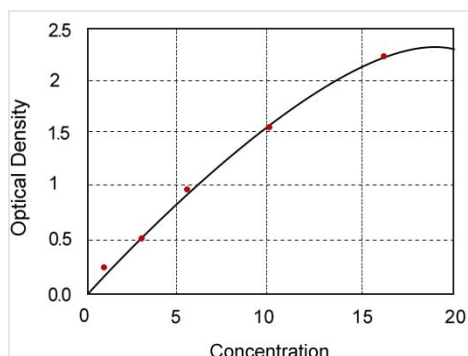
PRODUCT SYNONYMS

Elastase; Human Elastase ELISA Kit; Elastase elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	291
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 20ng/ml
Sensitivity	0.03ng/ml
Intra-Assay	CV<8%
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 Elastase elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Elastase (also known as Elastase) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human Elastase antibody. Elastase present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human Elastase Antibody is added and binds to Elastase in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Elastase 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 Elastase. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	845581
Molecular Weight	31,271 Da
NCBI Official Full Name	elastase
UniProt Protein Name	Elastase

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/elastase/42508>