

Pig Chymotrypsin-like elastase family member 1 ELISA Kit | CELA1 elisa kit

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CATALOG # AAA56165	REACTIVITY Pig
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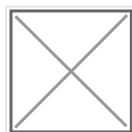
PRODUCT SYNONYMS

Chymotrypsin-like elastase family member 1; Pig Chymotrypsin-like elastase family member 1 ELISA Kit; CELA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay recognizes recombinant and natural pig Chymotrypsin-like elastase family member 1. No significant cross-reactivity or interference was observed.
Sequence Length	258
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
Detection Range	78.0 pg/ml -5000 pg/ml.
Intended Uses	This immunoassay kit allows for the in vitro quantitative determination of pig Chymotrypsin-like elastase family member 1 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CELA1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Chymotrypsin-like elastase family member 1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Chymotrypsin-like elastase family member 1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Chymotrypsin-like elastase family member 1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Chymotrypsin-like elastase family member 1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50979297
NCBI GeneID	396766
NCBI Accession #	NP_998988.1

NCBI GenBank Nucleotide #	NM_213823.1
UniProt Accession #	P00772; Q29625
Molecular Weight	28,821 Da
NCBI Official Full Name	chymotrypsin-like elastase family member 1 preproprotein
NCBI Official Symbol	CELA1
NCBI Official Synonym Symbols	ELA1; ELS1; Elastase-1
NCBI Protein Information	chymotrypsin-like elastase family member 1
UniProt Protein Name	Chymotrypsin-like elastase family member 1
UniProt Gene Name	CELA1
UniProt Synonym Gene Names	ELA1
UniProt Entry Name	CELA1_PIG

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/cela1-pig-elisa-kits/chymotrypsin-like-elastase-family-member-1/56165>