

Human Serine Protease 57 (PRSSL1) ELISA Kit | PRSSL1 elisa kit

Human Serine Protease 57 (PRSSL1) ELISA Kit

CATALOG #
AAA331280

REACTIVITY
Human

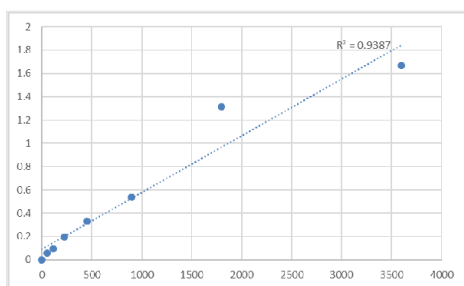
PRODUCT SYNONYMS

Serine Protease 57 (PRSSL1); Human Serine Protease 57 (PRSSL1) ELISA Kit; PRSSL1; UNQ782; GLGL782; PRSSL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Serine protease 57 (PRSSL1) ELISA Kit has high sensitivity and excellent specificity for detection of Human PRSSL1. No significant cross-reactivity or interference between Human PRSSL1 and analogues was observed.
Sequence Length	283
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Serine protease 57 (PRSSL1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PRSSL1 elisa kit	Description: This Human Serine protease 57 (PRSSL1) ELISA Kit employs a two-site sandwich ELISA to quantitate PRSSL1 in samples. An antibody specific for PRSSL1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PRSSL1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PRSSL1 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 PRSSL1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: PRSSL1 encodes an arginine-specific serine protease and member of the peptidase S1 family of proteins. The encoded protein may undergo proteolytic activation before storage in azurophil granules, in neutrophil cells of the immune system. Following neutrophil activation, the protease is released into the pericellular environment, where it may play a role in defense against microbial pathogens.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	47551347
NCBI GeneID	400668
NCBI Accession #	NP_999875.1
NCBI GenBank Nucleotide #	NP_999875.1
UniProt Accession #	Q6UWY2
NCBI Official Full Name	serine protease 57 isoform 1
NCBI Official Synonym Full Names	serine protease 57
NCBI Official Symbol	PRSS57
NCBI Official Synonym Symbols	NSP4; PRSSL1; UNQ782
NCBI Protein Information	serine protease 57
UniProt Protein Name	Serine protease 57
UniProt Gene Name	PRSS57
UniProt Synonym Gene Names	PRSSL1; UNQ782/PRO1599
UniProt Entry Name	PRS57_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.