

Human Serine Protease 23 (PRSS23) ELISA Kit | PRSS23 elisa kit

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CATALOG #
AAA331288

REACTIVITY
Human

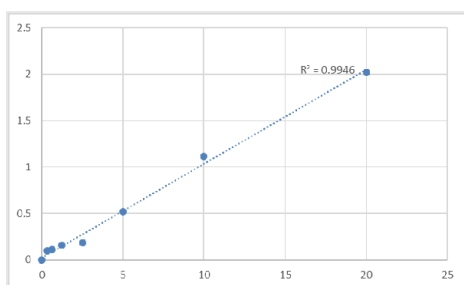
PRODUCT SYNONYMS

Serine Protease 23 (PRSS23); Human Serine Protease 23 (PRSS23) ELISA Kit; PRSS23; MGC5107; SIG13; SPUVE; ZSIG13; serine protease; umbilical endothelium; PRSS23 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Serine protease 23 (PRSS23) ELISA Kit has high sensitivity and excellent specificity for detection of Human PRSS23. No significant cross-reactivity or interference between Human PRSS23 and analogues was observed.
Sequence Length	447
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 23 (PRSS23) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PRSS23 elisa kit	Description: This Human Serine protease 23 (PRSS23) ELISA Kit employs a two-site sandwich ELISA to quantitate PRSS23 in samples. An antibody specific for PRSS23 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PRSS23 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PRSS23 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 PRSS23 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: PRSS23 encodes a member of the trypsin family of serine proteases. Mouse studies found a decrease of mRNA levels after ovulation was induced. This gene seems to be highly conserved in vertebrates and may be an important ovarian protease. PRSS23 is associated with cardiovascular diseases, hematological diseases, neurological diseases, cancer, endocrinological diseases, and urological diseases. The invention also features compounds which bind to and/or activate or inhibit the activity of PRSS23 as well as pharmaceutical compositions comprising such compounds. The invention also provides PRSS23 as a biomarker for diseases such as cardiovascular diseases, hematological diseases, neurological diseases, cancer, endocrinological diseases, and urological diseases.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119595552
NCBI GeneID	11098
UniProt Accession #	O95084
NCBI Official Full Name	protease, serine, 23, isoform CRA_b
NCBI Official Synonym Full Names	serine protease 23
NCBI Official Symbol	PRSS23
NCBI Official Synonym Symbols	SIG13; SPUVE; ZSIG13
NCBI Protein Information	serine protease 23
UniProt Protein Name	Serine protease 23
UniProt Gene Name	PRSS23
UniProt Synonym Gene Names	ZSIG13
UniProt Entry Name	PRS23_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://stage.aaabiotech.com/human-elisa-kits/serine-protease-23-prss23/331288>