

Human Inactive Serine Protease 35 (PRSS35) ELISA Kit | PRSS35 elisa kit

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CATALOG #
AAA331285

REACTIVITY
Human

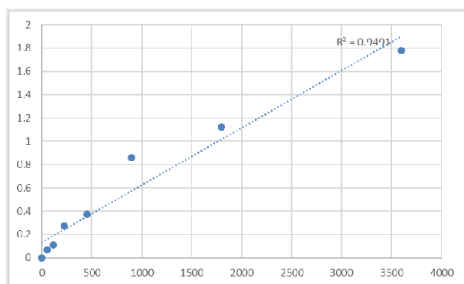
PRODUCT SYNONYMS

Inactive Serine Protease 35 (PRSS35); Human Inactive Serine Protease 35 (PRSS35) ELISA Kit; PRSS35; C6orf158; MGC46520; dJ223E3.1; inactive serine protease 35; PRSS35 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Inactive serine protease 35 (PRSS35) ELISA Kit has high sensitivity and excellent specificity for detection of Human PRSS35. No significant cross-reactivity or interference between Human PRSS35 and analogues was observed.
Sequence Length	413
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 Inactive serine protease 35 (PRSS35) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PRSS35 elisa kit	Description: This Human Inactive serine protease 35 (PRSS35) ELISA Kit employs a two-site sandwich ELISA to quantitate PRSS35 in samples. An antibody specific for PRSS35 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PRSS35 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PRSS35 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 PRSS35 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Proteolytic degradation of extracellular matrix components has been suggested to play an essential role for the occurrence of ovulation. The plasminogen activator and matrix metalloproteinase systems, which were previously believed to be crucial for ovulation, are not required in this process. PRSS35, which was upregulated by gonadotropins. PRSS23 was highly expressed in atretic follicles and it was expressed in the ovarian stroma and theca tissues just prior to ovulation. PRSS35 was expressed in the theca layers of developing follicles. It was also highly induced in granulosa cells of preovulatory follicles. PRSS35 was also expressed in the forming and regressing CL. PRSS35 may be involved in ovulation and CL formation and regression, and that PRSS23 may play a role in follicular atresia.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	281427286
NCBI GeneID	167681
NCBI Accession #	NP_001163894
NCBI GenBank Nucleotide #	NP_001163894.1
UniProt Accession #	Q8N3Z0
NCBI Official Full Name	inactive serine protease 35
NCBI Official Synonym Full Names	serine protease 35
NCBI Official Symbol	PRSS35
NCBI Official Synonym Symbols	C6orf158; dJ223E3.1
NCBI Protein Information	inactive serine protease 35
UniProt Protein Name	Inactive serine protease 35
UniProt Gene Name	PRSS35
UniProt Synonym Gene Names	C6orf158
UniProt Entry Name	PRS35_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.