

Human GREM1 ELISA Kit | GREM1 elisa kit

Human GREM1 (Gremlin 1) ELISA Kit

CATALOG #
AAA165742

REACTIVITY
Human

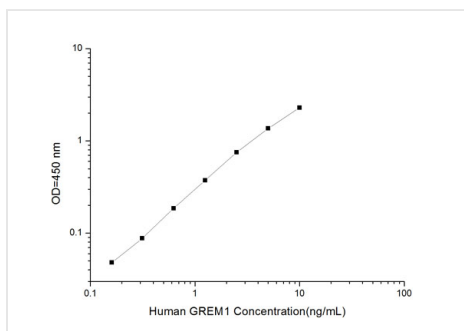
PRODUCT SYNONYMS

GREM1; Human GREM1 (Gremlin 1) ELISA Kit; GREM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human GREM1. No significant cross-reactivity or interference between Human GREM1 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human GREM1 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	114
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GREM1 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GREM1 in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human GREM1. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human GREM1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human GREM1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human GREM1. You can calculate the concentration of Human GREM1 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	300797307
NCBI GeneID	26585
NCBI Accession #	NP_001178251.1
NCBI GenBank Nucleotide #	NM_001191322.1
UniProt Accession #	O60565; Q52LV3; Q8N914; Q8N936
Molecular Weight	16,292 Da
NCBI Official Full Name	gremlin-1 isoform 3
NCBI Official Synonym Full Names	gremlin 1, DAN family BMP antagonist
NCBI Official Symbol	GREM1
NCBI Official Synonym Symbols	DRM; HMPS; MPSH; PIG2; CRAC1; CRCS4; DAND2; HMPS1; IHG-2; DUP15q; C15DUPq; GREMLIN; CKTSF1B1
NCBI Protein Information	gremlin-1; DAN domain family member 2; cell proliferation-inducing gene 2 protein; colorectal adenoma and carcinoma 1; cysteine knot superfamily 1, BMP antagonist 1; down-regulated in Mos-transformed cells protein; gremlin 1, cysteine knot superfamily, homolog; gremlin 1-like protein; increased in high glucose-2
UniProt Protein Name	Gremlin-1
UniProt Gene Name	GREM1
UniProt Synonym Gene Names	CKTSF1B1; DAND2; DRM; IHG-2
UniProt Entry Name	GREM1_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.