

Human Gremlin-1 ELISA Kit | GREM1 elisa kit

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CATALOG #
AAA98995

REACTIVITY
Human

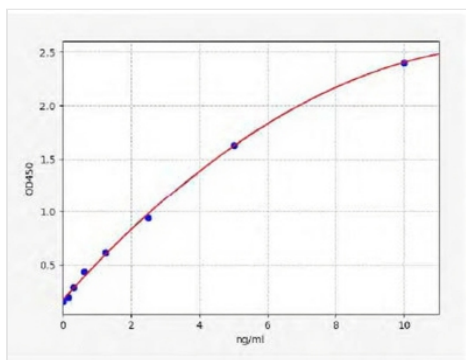
PRODUCT SYNONYMS

Gremlin-1; Human Gremlin-1 ELISA Kit; GREM1 (Gremlin 1)/DAND2/DRM/Cell proliferation-inducing gene 2 protein/CKTSF1B1/gremlin 1; cysteine knot superfamily; homolog/DAN domain family member 2/GREMLIN/Down-regulated in Mos-transformed cells protein/DRMM/gremlin/gremlin-1/gremlin 1-like protein/IHG-2/Increased in high glucose protein 2/increased in high glucose-2/proliferation-inducing gene 2; GREM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of GREM1. No significant cross-reactivity or interference between GREM1 and analogues was observed.
Sequence Length	184
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GREM1 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9506493
NCBI GeneID	50566
NCBI Accession #	NP_062155.1
NCBI GenBank Nucleotide #	NM_019282.3
Molecular Weight	20,680 Da
NCBI Official Full Name	gremlin-1
NCBI Official Synonym Full Names	gremlin 1
NCBI Official Symbol	Grem1
NCBI Official Synonym Symbols	drm; Cktsf1b1
NCBI Protein Information	gremlin-1
UniProt Protein Name	Gremlin-1
UniProt Gene Name	Grem1
UniProt Synonym Gene Names	Cktsf1b1; Drm
UniProt Entry Name	GREM1_RAT

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/grem1-human-elisa-kits/gremlin-1/98995>