

Mouse Gremlin-1 ELISA Kit | Grem1 elisa kit

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CATALOG #
AAA102477

REACTIVITY
Mouse

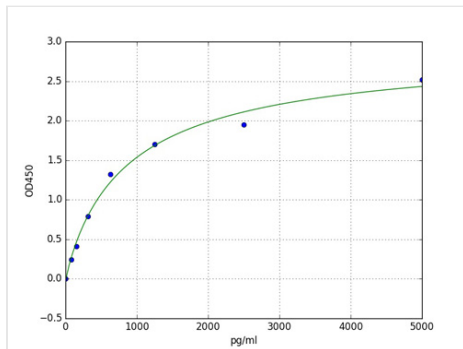
PRODUCT SYNONYMS

Gremlin-1; Mouse Gremlin-1 ELISA Kit; Grem1/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	Mouse
Sequence Length	184
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
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)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse GREM1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.006	0.211	0.461	0.843	1.482	1.284	1.370	1.912

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. anti-Mouse GREM1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse GREM1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Mouse GREM1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse GREM1 can be calculated.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/grem1-mouse-elisa-kits/gremlin-1/102477>