

Human Gremlin-2 ELISA Kit | GREM2 elisa kit

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CATALOG #
AAA101103

REACTIVITY
Human

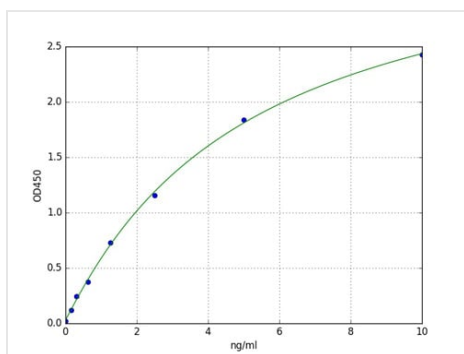
PRODUCT SYNONYMS

Gremlin-2; Human Gremlin-2 ELISA Kit; GREM2/Gremlin-2/Protein related to DAN and cerberus/Cysteine knot superfamily 1; BMP antagonist 2/DAN domain family member 3/CKTSF1B2/DAND3/PRDC/Protein related to DAN and cerberus/gremlin 2; cysteine knot superfamily; homolog; GREM2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	168
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
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 GREM2 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	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.097	0.133	0.246	0.347	0.548	0.840	1.447	2.006

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GREM2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-GREM2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-GREM2 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 GREM2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of GREM2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	71164892
NCBI GeneID	64388
NCBI Accession #	NP_071914.3
NCBI GenBank Nucleotide #	NM_022469.3
Molecular Weight	19,320 Da
NCBI Official Full Name	gremlin-2
NCBI Official Synonym Full Names	gremlin 2, DAN family BMP antagonist
NCBI Official Symbol	GREM2
NCBI Official Synonym Symbols	PRDC; DAND3; CKTSF1B2
NCBI Protein Information	gremlin-2
UniProt Protein Name	Gremlin-2
UniProt Gene Name	GREM2
UniProt Synonym Gene Names	CKTSF1B2; DAND3; PRDC
UniProt Entry Name	GREM2_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://www.aaabiotech.com/grem2-human-elisa-kits/gremlin-2/101103>