

Rat Granulocyte Chemotactic Protein 2 ELISA Kit | GCP-2 elisa kit

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CATALOG #
AAA98757

REACTIVITY
Rat

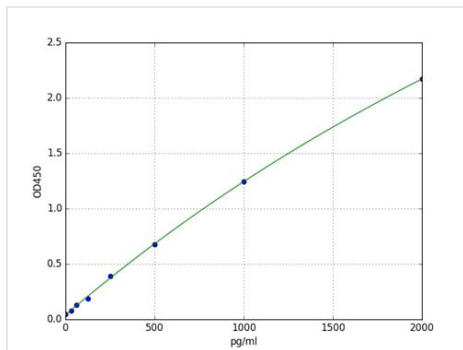
PRODUCT SYNONYMS

Granulocyte Chemotactic Protein 2; Rat Granulocyte Chemotactic Protein 2 ELISA Kit; CXCL6/GCP-2 (Granulocyte Chemotactic Protein 2)/GCP2/SCYB6/CKA-3; GCP-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	114
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/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 GCP-2 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	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.098	0.178	0.228	0.365	0.569	0.899	1.415	2.037

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GCP-2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-GCP-2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-GCP-2 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 GCP-2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of GCP-2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1916230
NCBI GeneID	6372
Molecular Weight	11,897 Da
NCBI Official Full Name	granulocyte chemotactic protein-2
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 6
NCBI Official Symbol	CXCL6
NCBI Official Synonym Symbols	GCP2; CKA-3; GCP-2; SCYB6
NCBI Protein Information	C-X-C motif chemokine 6
UniProt Protein Name	C-X-C motif chemokine 6
UniProt Gene Name	CXCL6
UniProt Synonym Gene Names	GCP2; SCYB6; CKA-3; GCP-2
UniProt Entry Name	CXCL6_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://stage.aaabiotech.com/gcp-2-rat-elisa-kits/granulocyte-chemotactic-protein-2/98757>