

Mouse GCP-2 ELISA Kit | GCP-2 elisa kit

Mouse GCP-2 (Granulocyte Chemotactic Protein 2) ELISA Kit

CATALOG #
AAA163707

REACTIVITY
Mouse

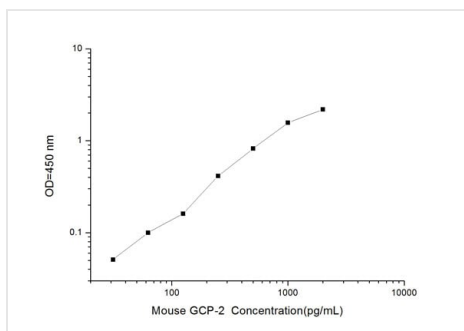
PRODUCT SYNONYMS

GCP-2; Mouse GCP-2 (Granulocyte Chemotactic Protein 2) ELISA Kit; GCP-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse GCP-2. No significant cross-reactivity or interference between Mouse GCP-2 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Mouse GCP-2 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	772
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GCP-2 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GCP-2 in Mouse 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 Mouse GCP-2. 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 Mouse GCP-2 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 Mouse GCP-2, 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 Mouse GCP-2. You can calculate the concentration of Mouse GCP-2 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	375298720
NCBI GeneID	10844
NCBI Accession #	NP_001243547.1
NCBI GenBank Nucleotide #	NM_001256618.1
UniProt Accession #	Q9BSJ2; O43632; Q5VWX7; B4DM18; B7ZKL8; F5H4E0; F5H4L0
Molecular Weight	105,628 Da
NCBI Official Full Name	gamma-tubulin complex component 2 isoform 3
NCBI Official Synonym Full Names	tubulin, gamma complex associated protein 2
NCBI Official Symbol	TUBGCP2
NCBI Official Synonym Symbols	GCP2; GCP-2; h103p; hGCP2; SPBC97; Spc97p; hSpc97; Grip103
NCBI Protein Information	gamma-tubulin complex component 2; gamma-ring complex protein 103 kDa; hGrip103; spindle pole body protein Spc97 homolog
UniProt Protein Name	Gamma-tubulin complex component 2
UniProt Gene Name	TUBGCP2
UniProt Synonym Gene Names	GCP2; GCP-2; hGCP2; h103p; hGrip103; hSpc97
UniProt Entry Name	GCP2_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.