

Human Granulocyte Chemotactic Protein 2 (GCP2) ELISA Kit | GCP2 elisa kit

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CATALOG #
AAA66615

REACTIVITY
Human

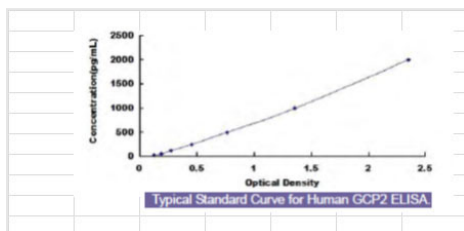
PRODUCT SYNONYMS

Granulocyte Chemotactic Protein 2 (GCP2); Human Granulocyte Chemotactic Protein 2 (GCP2) ELISA Kit; CXCL6; SCYB6; GCP2; CKA-3; Chemokine(C-X-C-Motif)ligand 6; Small Inducible Cytokine Subfamily B(Cys-X-Cys)Member 6; Chemokine alpha 3; Small-inducible cytokine B6; GCP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of GCP2. No significant cross-reactivity or interference between GCP2 and analogues was observed.
Sequence Length	930
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	12.6pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level GCP2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level GCP2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GCP2 elisa kit	Intended Uses: This kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GCP2 in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GCP2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to GCP2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain GCP2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of GCP2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	375298717
NCBI GeneID	10844
NCBI Accession #	NP_001243546.1
NCBI GenBank Nucleotide #	NM_001256617.1
UniProt Accession #	Q9BSJ2; O43632; Q5VWX7; B4DM18; B7ZKL8; F5H4E0; F5H4L0
Molecular Weight	105,628 Da
NCBI Official Full Name	gamma-tubulin complex component 2 isoform 1
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
UniProt Protein Name	Gamma-tubulin complex component 2
UniProt Gene Name	TUBGCP2
UniProt Synonym Gene Names	GCP2; GCP-2; hGCP2; h103p; hGrip103; hSpc97

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/human-elisa-kits/granulocyte-chemotactic-protein-2-gcp2/66615>