

Chicken Granulocyte Chemotactic Protein 2 ELISA Kit | GCP2 elisa kit

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CATALOG #
AAA88653

REACTIVITY
Chicken

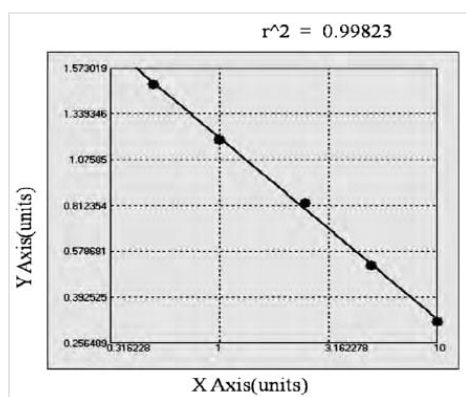
PRODUCT SYNONYMS

Granulocyte Chemotactic Protein 2; Chicken Granulocyte Chemotactic Protein 2 ELISA Kit; GCP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This GCP2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken GCP2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GCP2 elisa kit

Principle of the assay: GCP2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GCP2 antibody and an GCP2-HRP conjugate. The assay sample and buffer are incubated together with GCP2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the GCP2 concentration since GCP2 from samples and GCP2-HRP conjugate compete for the anti-GCP2 antibody binding site. Since the number of sites is limited, as more sites are occupied by GCP2 from the sample, fewer sites are left to bind GCP2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GCP2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729840
NCBI GeneID	10844
NCBI Accession #	NP_006650.1
NCBI GenBank Nucleotide #	NM_006659.3
UniProt Accession #	Q9BSJ2; O43632; Q5VWX7; Q53EQ3; Q86U96
Molecular Weight	102,534 Da
NCBI Official Full Name	gamma-tubulin complex component 2 isoform 2
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; hGrip103; gamma-ring complex protein 103 kDa; 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.