

Mouse Chromogranin-A ELISA Kit | Chga elisa kit

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CATALOG #
AAA195558

REACTIVITY
Mouse

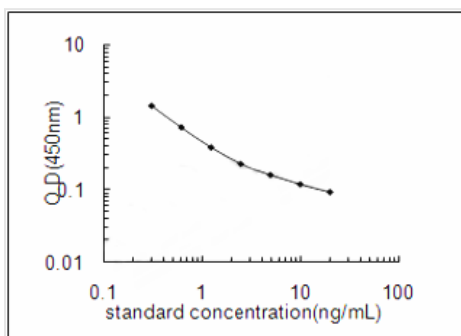
PRODUCT SYNONYMS

Chromogranin-A; Mouse Chromogranin-A ELISA Kit; CgA; Chga; Chga elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural MouseCgA. No significant cross-reactivity or interference was observed.
Sequence Length	463
Assay Type	Competitive
Detection Range	0.312-20 ng/mL
Sensitivity	0.165 ng/mL
Intra-Assay CV	<=6.8%
Inter-Assay CV	<=9.5%
Recovery	105%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Chga elisa kit	Intended Uses This immunoassay kit allows for the in vitro quantitative determination of mouseCgAconcentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids. Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassaytechnique. The microtiter plate provided in this kit has been pre-coated with an antibody specific toCgA, During the reaction,CgAin the sample or standard competes with a fixed amount of biotin-labeledCgA for sites on a pre-coated Monoclonal antibody specific to CgA. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Thena TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of CgA 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 #	6680932
NCBI GeneID	12652
NCBI Accession #	NP_031719.1
NCBI GenBank Nucleotide #	NM_007693.2
UniProt Accession #	P26339
Molecular Weight	51,789 Da
NCBI Official Full Name	chromogranin-A preproprotein
NCBI Official Synonym Full Names	chromogranin A
NCBI Official Symbol	Chga
NCBI Official Synonym Symbols	cgA; ChrA
NCBI Protein Information	chromogranin-A
UniProt Protein Name	Chromogranin-A
UniProt Gene Name	Chga
UniProt Synonym Gene Names	CgA
UniProt Entry Name	CMGA_MOUSE

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.