

Human chromogranin A (parathyroid secretory protein 1) ELISA Kit | CHGA elisa kit

Human Chromogranin, CgA ELISA Kit

CATALOG #
AAA80527

REACTIVITY
Human

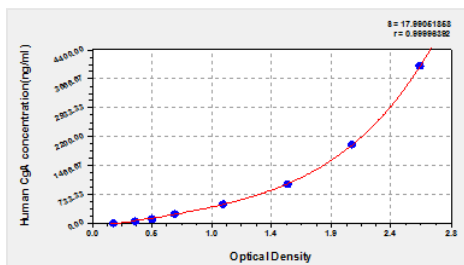
PRODUCT SYNONYMS

chromogranin A (parathyroid secretory protein 1); Human Chromogranin; CgA ELISA Kit; CGA; betagranin (N-terminal fragment of chromogranin A) ; chromogranin A; parathyroid secretory protein 1; CHGA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CgA. No significant cross-reactivity or interference between human CgA and analogues was observed.
Sequence Length	457
Samples	Serum, plasma, cell culture supernates, urine, cerebrospinal fluid (CSF).
Assay Type	Sandwich
Detection Range	62.5 ng/ml -4000 ng/ml.
Sensitivity	15.6 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CHGA elisa kit	Principle of the Assay This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CgA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CgA present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CgA is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CgA bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502805
NCBI GeneID	1113
NCBI Accession #	NP_001266.1
NCBI GenBank Nucleotide #	NM_001275.3
UniProt Accession #	P10645; Q53FA8; Q6NR84; Q96E84; Q96GL7; Q9BQB5; B2R9E9
Molecular Weight	50,688 Da
NCBI Official Full Name	chromogranin-A preproprotein
NCBI Official Synonym Full Names	chromogranin A (parathyroid secretory protein 1)
NCBI Official Symbol	CHGA
NCBI Official Synonym Symbols	CGA
NCBI Protein Information	chromogranin-A; SP-I; pituitary secretory protein I; parathyroid secretory protein 1; betagranin (N-terminal fragment of chromogranin A)
UniProt Protein Name	Chromogranin-A
UniProt Gene Name	CHGA
UniProt Synonym Gene Names	CgA; SP-I
UniProt Entry Name	CMGA_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/chga-human-elisa-kits/chromogranin-a-parathyroid-secretory-protein-1/80527>