

Mouse Chromobox Homolog 3 ELISA Kit | CBX3 elisa kit

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CATALOG #
AAA101904

REACTIVITY
Mouse

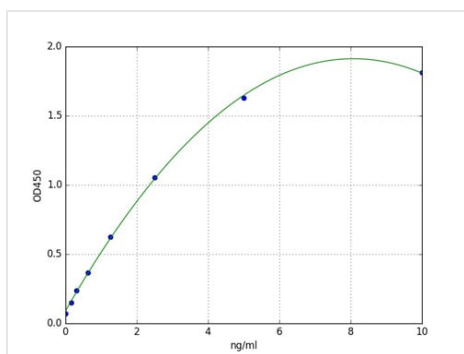
PRODUCT SYNONYMS

Chromobox Homolog 3; Mouse Chromobox Homolog 3 ELISA Kit; CBX3/Modifier 2 protein/Heterochromatin protein 1 homolog gamma (HP1 gamma)/M32; CBX3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	183
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse CBX3 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.043	0.227	0.311	0.666	0.957	1.331	1.987	2.212

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CBX3 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse CBX3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse CBX3 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse CBX3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse CBX3 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20544151
NCBI GeneID	11335
NCBI Accession #	NP_057671.2
NCBI GenBank Nucleotide #	NM_016587.3
Molecular Weight	20,811 Da
NCBI Official Full Name	chromobox protein homolog 3
NCBI Official Synonym Full Names	chromobox 3
NCBI Official Symbol	CBX3
NCBI Official Synonym Symbols	HECH; HP1-GAMMA; HP1Hs-gamma
NCBI Protein Information	chromobox protein homolog 3
UniProt Protein Name	Chromobox protein homolog 3
UniProt Gene Name	CBX3
UniProt Synonym Gene Names	HP1 gamma
UniProt Entry Name	CBX3_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/cbx3-mouse-elisa-kits/chromobox-homolog-3/101904>