

Chicken Chromobox Homolog 3 ELISA Kit | CBX3 elisa kit

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CATALOG #
AAA89317

REACTIVITY
Chicken

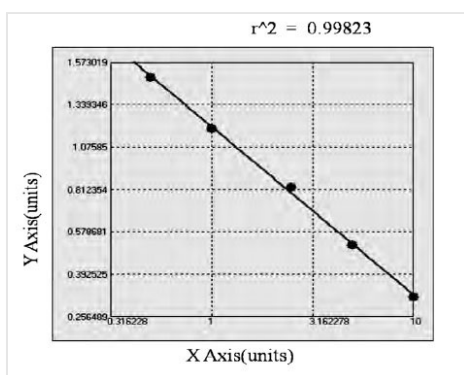
PRODUCT SYNONYMS

Chromobox Homolog 3; Chicken Chromobox Homolog 3 ELISA Kit; CBX3 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 CBX3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken CBX3. 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 CBX3 elisa kit

Principle of the assay: CBX3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CBX3 antibody and an CBX3-HRP conjugate. The assay sample and buffer are incubated together with CBX3-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 CBX3 concentration since CBX3 from samples and CBX3-HRP conjugate compete for the anti-CBX3 antibody binding site. Since the number of sites is limited, as more sites are occupied by CBX3 from the sample, fewer sites are left to bind CBX3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CBX3 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CBX3 elisa kit

Immunology

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 homolog 3
NCBI Official Symbol	CBX3
NCBI Official Synonym Symbols	HECH; HP1-GAMMA; HP1Hs-gamma
NCBI Protein Information	chromobox protein homolog 3; HP1 gamma homolog; modifier 2 protein; heterochromatin-like protein 1; heterochromatin protein HP1 gamma; heterochromatin protein 1 homolog gamma; chromobox homolog 3 (HP1 gamma homolog, Drosophila)
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cbx3-chicken-elisa-kits/chromobox-homolog-3/89317>