

Human Chromobox protein homolog 8 (CBX8) ELISA Kit | CBX8 elisa kit

Human Chromobox protein homolog 8 (CBX8) ELISA Kit

CATALOG #
AAA245058

REACTIVITY
Human

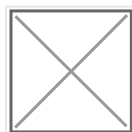
PRODUCT SYNONYMS

Chromobox protein homolog 8 (CBX8); Human Chromobox protein homolog 8 (CBX8) ELISA Kit; CBX8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	100-2500pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CBX8 elisa kit

Intended Uses: This CBX8 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CBX8. This ELISA kit for research use only!

Principle of the Assay||CBX8 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CBX8 antibody and an CBX8-HRP conjugate. The assay sample and buffer are incubated together with CBX8-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 CBX8 concentration since CBX8 from samples and CBX8-HRP conjugate compete for the anti-CBX8 antibody binding site. Since the number of sites is limited, as more sites are occupied by CBX8 from the sample, fewer sites are left to bind CBX8-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CBX8 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CBX8 elisa kit

[Epigenetics and Nuclear Signaling](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #

[10190682](#)

NCBI GeneID	57332
NCBI Accession #	NP_065700.1
NCBI GenBank Nucleotide #	NM_020649.2
Molecular Weight	43,396 Da
NCBI Official Full Name	chromobox protein homolog 8
NCBI Official Synonym Full Names	chromobox homolog 8
NCBI Official Symbol	CBX8
NCBI Official Synonym Symbols	PC3; RC1
NCBI Protein Information	chromobox protein homolog 8; polycomb 3; rectachrome 1; Pc class 3 homolog; chromobox homolog 8 (Pc class homolog, Drosophila)
UniProt Protein Name	Chromobox protein homolog 8
UniProt Gene Name	CBX8
UniProt Synonym Gene Names	PC3; RC1; Pc3; hPc3
UniProt Entry Name	CBX8_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/human-elisa-kits/chromobox-protein-homolog-8-cbx8/245058>