

Bovine Chromodomain Helicase DNA Binding Protein 3 ELISA Kit | CHD3 elisa kit

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CATALOG #
AAA93909

REACTIVITY
Bovine

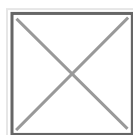
PRODUCT SYNONYMS

Chromodomain Helicase DNA Binding Protein 3; Bovine Chromodomain Helicase DNA Binding Protein 3 ELISA Kit; CHD3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This CHD3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine CHD3. 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 CHD3 elisa kit

Principle of the Assay: CHD3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CHD3 antibody and an CHD3-HRP conjugate. The assay sample and buffer are incubated together with CHD3-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 CHD3 concentration since CHD3 from samples and CHD3-HRP conjugate compete for the anti-CHD3 antibody binding site. Since the number of sites is limited, as more sites are occupied by CHD3 from the sample, fewer sites are left to bind CHD3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CHD3 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	158420731
NCBI GeneID	1107
NCBI Accession #	NP_001005271.2
NCBI GenBank Nucleotide #	NM_001005271.2

Molecular Weight	233,037 Da
NCBI Official Full Name	chromodomain-helicase-DNA-binding protein 3 isoform 3
NCBI Official Synonym Full Names	chromodomain helicase DNA binding protein 3
NCBI Official Symbol	CHD3
NCBI Official Synonym Symbols	ZFH; Mi-2a; Mi2-ALPHA
NCBI Protein Information	chromodomain-helicase-DNA-binding protein 3; hZFH; CHD-3; zinc finger helicase; ATP-dependent helicase CHD3; mi-2 autoantigen 240 kDa protein; zinc-finger helicase (Snf2-like)
UniProt Protein Name	Chromodomain-helicase-DNA-binding protein 3
UniProt Gene Name	CHD3
UniProt Synonym Gene Names	CHD-3; hZFH
UniProt Entry Name	CHD3_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/chd3-bovine-ovine-elisa-kits/chromodomain-helicase-dna-binding-protein-3/93909>