

Human CHD8 (Chromodomain-helicase-DNA-binding protein 8) ELISA Kit | CHD8 elisa kit

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CATALOG #
AAA250492

REACTIVITY
Human

PRODUCT SYNONYMS

CHD8 (Chromodomain-helicase-DNA-binding protein 8); Human CHD8 (Chromodomain-helicase-DNA-binding protein 8) ELISA Kit; Chromodomain-helicase-DNA-binding protein 8; CHD-8; ATP-dependent helicase CHD8; Helicase with SNF2 domain 1; CHD8; CHD8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CHD8. No significant cross-reactivity or interference between CHD8 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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

ADDITIONAL INFORMATION

Related Product Information for CHD8 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	282165704
NCBI GeneID	57680
NCBI Accession #	NP_001164100.1
NCBI GenBank Nucleotide #	NM_001170629.1
UniProt Accession #	Q9HCK8; Q4G0D8; Q68DQ0; Q6DKH9; Q6P440; Q6ZNL7; Q8N3Z9; Q8NCY4; Q8TBR9; Q96F26
Molecular Weight	290,519 Da
NCBI Official Full Name	chromodomain-helicase-DNA-binding protein 8 isoform 1

NCBI Official Synonym Full Names	chromodomain helicase DNA binding protein 8
NCBI Official Symbol	CHD8
NCBI Official Synonym Symbols	HELSNF1; KIAA1564; DKFZp686N17164
NCBI Protein Information	chromodomain-helicase-DNA-binding protein 8; CHD-8; duplin; axis duplication inhibitor; ATP-dependent helicase CHD8; helicase with SNF2 domain 1
UniProt Protein Name	Chromodomain-helicase-DNA-binding protein 8
UniProt Gene Name	CHD8
UniProt Synonym Gene Names	HELSNF1; KIAA1564
UniProt Entry Name	CHD8_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://www.aaabiotech.com/human-elisa-kits/chd8-chromodomain-helicase-dna-binding-protein-8/250492>