

Human Chromatin accessibility complex protein 1 (CHRAC1) ELISA Kit | CHRAC1 elisa kit

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CATALOG #
AAA246182

REACTIVITY
Human

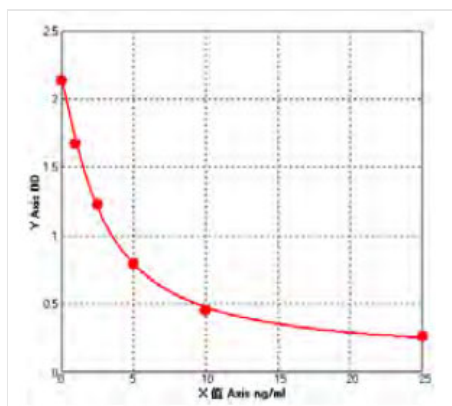
PRODUCT SYNONYMS

Chromatin accessibility complex protein 1 (CHRAC1); Human Chromatin accessibility complex protein 1 (CHRAC1) ELISA Kit; CHRAC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CHRAC1. No significant cross-reactivity or interference between CHRAC1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CHRAC1 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CHRAC1 elisa kit	Intended Uses: This CHRAC1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CHRAC1. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: CHRAC1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CHRAC1 antibody and an CHRAC1-HRP conjugate. The assay sample and buffer are incubated together with CHRAC1-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 CHRAC1 concentration since CHRAC1 from samples and CHRAC1-HRP conjugate compete for the anti-CHRAC1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CHRAC1 from the sample, fewer sites are left to bind CHRAC1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CHRAC1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CHRAC1 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	8393116
NCBI GeneID	54108
NCBI Accession #	NP_059140.1
NCBI GenBank Nucleotide #	NM_017444.5
Molecular Weight	14,711 Da
NCBI Official Full Name	chromatin accessibility complex protein 1
NCBI Official Synonym Full Names	chromatin accessibility complex 1
NCBI Official Symbol	CHRAC1
NCBI Official Synonym Symbols	YCL1; CHARC1; CHARC15; CHRAC-1; CHRAC15; CHRAC-15
NCBI Protein Information	chromatin accessibility complex protein 1; histone-fold protein CHRAC15; DNA polymerase epsilon subunit p15; chromatin accessibility complex 15 kDa protein
UniProt Protein Name	Chromatin accessibility complex protein 1
UniProt Gene Name	CHRAC1
UniProt Synonym Gene Names	CHRAC15; CHRAC-1; CHRAC-15; HuCHRAC15
UniProt Entry Name	CHRC1_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/chromatin-accessibility-complex-protein-1-chrac1/246182>