

Human Chemokine binding protein 2 (CCBP2) ELISA Kit | CCBP2 elisa kit

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CATALOG #
AAA244550

REACTIVITY
Human

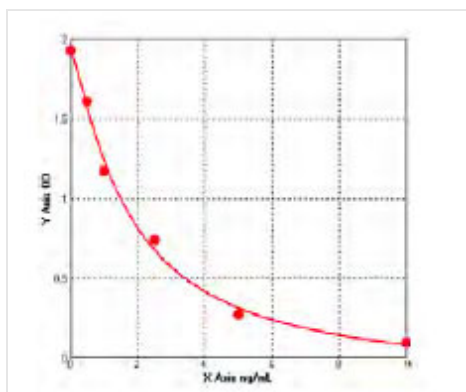
PRODUCT SYNONYMS

Chemokine binding protein 2 (CCBP2); Human Chemokine binding protein 2 (CCBP2) ELISA Kit; CCBP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
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 CCBP2 elisa kit

Intended Uses: This CCBP2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CCBP2. This ELISA kit for research use only!

Principle of the Assay: CCBP2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CCBP2 antibody and an CCBP2-HRP conjugate. The assay sample and buffer are incubated together with CCBP2-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 CCBP2 concentration since CCBP2 from samples and CCBP2-HRP conjugate compete for the anti-CCBP2 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCBP2 from the sample, fewer sites are left to bind CCBP2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCBP2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	85567125
NCBI GeneID	1238
Molecular Weight	43,443 Da
NCBI Official Full Name	Chemokine binding protein 2
NCBI Official Synonym Full Names	atypical chemokine receptor 2
NCBI Official Symbol	ACKR2
NCBI Official Synonym Symbols	D6; hD6; CCR9; CCBP2; CCR10; CMKBR9
NCBI Protein Information	atypical chemokine receptor 2; chemokine receptor D6; chemokine receptor CCR-9; C-C chemokine receptor D6; chemokine receptor CCR-10; chemokine (C-C) receptor 9; chemokine binding protein 2; chemokine-binding protein 2; chemokine-binding protein D6; chemokine (C-C motif) receptor 9; CC-chemokine-binding receptor JAB61
UniProt Protein Name	Atypical chemokine receptor 2
UniProt Gene Name	ACKR2
UniProt Synonym Gene Names	CCBP2; CCR10; CMKBR9; D6
UniProt Entry Name	ACKR2_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/chemokine-binding-protein-2-ccbp2/244550>