

Human B cell receptor associated protein 31 (BCAP31) ELISA Kit | BCAP31 elisa kit

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CATALOG #
AAA244584

REACTIVITY
Human

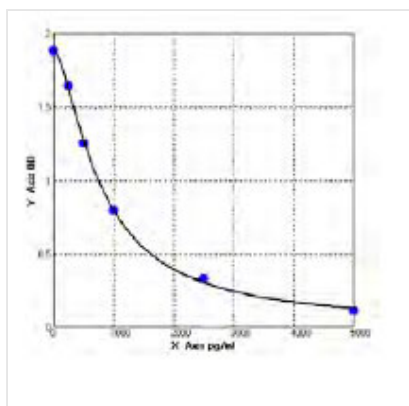
PRODUCT SYNONYMS

B cell receptor associated protein 31 (BCAP31); Human B cell receptor associated protein 31 (BCAP31) ELISA Kit; BCAP31 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of BCAP31. No significant cross-reactivity or interference between BCAP31 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between BCAP31 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	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BCAP31 elisa kit	Intended Uses: This BCAP31 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human BCAP31. This ELISA kit for research use only! Principle of the Assay: BCAP31 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-BCAP31 antibody and an BCAP31-HRP conjugate. The assay sample and buffer are incubated together with BCAP31-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 BCAP31 concentration since BCAP31 from samples and BCAP31-HRP conjugate compete for the anti-BCAP31 antibody binding site. Since the number of sites is limited, as more sites are occupied by BCAP31 from the sample, fewer sites are left to bind BCAP31-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BCAP31 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for BCAP31 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	1705725
NCBI GeneID	10134
Molecular Weight	34,752 Da
NCBI Official Full Name	B-cell receptor-associated protein 31
NCBI Official Synonym Full Names	B-cell receptor-associated protein 31
NCBI Official Symbol	BCAP31
NCBI Official Synonym Symbols	CDM; DDCH; BAP31; 6C6-AG; DXS1357E
NCBI Protein Information	B-cell receptor-associated protein 31; p28 Bap31; BCR-associated protein Bap31; 6C6-AG tumor-associated antigen
UniProt Protein Name	B-cell receptor-associated protein 31
UniProt Gene Name	BCAP31
UniProt Synonym Gene Names	BAP31; DXS1357E; BCR-associated protein 31; Bap31
UniProt Entry Name	BAP31_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/human-elisa-kits/b-cell-receptor-associated-protein-31-bcap31/244584>