

Human Z DNA binding protein ELISA Kit | ZBP1 elisa kit

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CATALOG #
AAA87593

REACTIVITY
Human

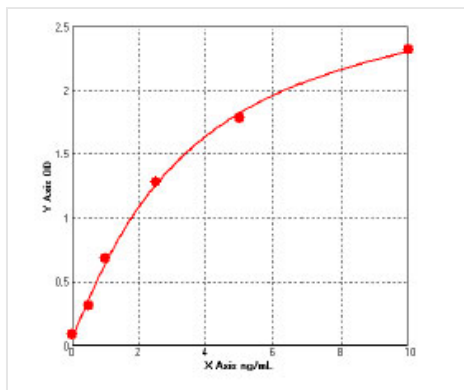
PRODUCT SYNONYMS

Z DNA binding protein; Human Z DNA binding protein ELISA Kit; ZBP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ZBP. No significant cross-reactivity or interference between ZBP and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ZBP and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive or Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
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 ZBP1 elisa kit	Principle of the Assay: ZBP ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for ZBP. Standards or samples are then added to the microtiter plate wells and ZBP if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of ZBP present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for ZBP are added to each well to "sandwich" the ZBP immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain ZBP and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ZBP concentration in each sample is interpolated from this standard curve. Intended Uses: This ZBP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ZBP. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for ZBP1 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	238550212
NCBI GeneID	81030
NCBI Accession #	NP_001153891.1
NCBI GenBank Nucleotide #	NM_001160419.2
Molecular Weight	38,220 Da
NCBI Official Full Name	Z-DNA-binding protein 1 isoform d
NCBI Official Synonym Full Names	Z-DNA binding protein 1
NCBI Official Symbol	ZBP1
NCBI Official Synonym Symbols	DAI; DLM1; DLM-1; C20orf183
NCBI Protein Information	Z-DNA-binding protein 1; DNA-dependent activator of IRFs; DNA-dependent activator of IFN-regulatory factors; tumor stroma and activated macrophage protein DLM-1; DNA-dependent activator of interferon regulatory factors
UniProt Protein Name	Z-DNA-binding protein 1
UniProt Gene Name	ZBP1
UniProt Synonym Gene Names	C20orf183; DLM1
UniProt Entry Name	ZBP1_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/zbp1-human-elisa-kits/z-dna-binding-protein/87593>