

Sheep Z-DNA binding protein 1 (ZBP1) ELISA Kit | ZBP1 elisa kit

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CATALOG # AAA88695	REACTIVITY Sheep
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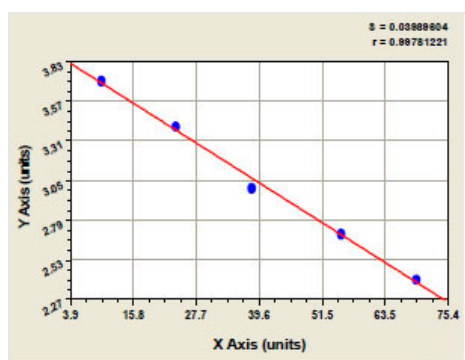
PRODUCT SYNONYMS

Z-DNA binding protein 1 (ZBP1); Sheep Z-DNA binding protein 1 (ZBP1) ELISA Kit; ZBP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This ZBP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep ZBP1. This ELISA kit for research use only, not for therapeutic applications!
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: ZBP1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ZBP1 antibody and an ZBP1-HRP conjugate. The assay sample and buffer are incubated together with ZBP1-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 ZBP1 concentration since ZBP1 from samples and ZBP1-HRP conjugate compete for the anti-ZBP1 antibody binding site. Since the number of sites is limited, as more sites are occupied by ZBP1 from the sample, fewer sites are left to bind ZBP1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ZBP1 concentration in each sample is interpolated from this standard curve.
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/sheep-elisa-kits/z-dna-binding-protein-1-zbp1/88695>