

## Sheep BH3 Interacting Domain Death Agonist ELISA Kit | Bid elisa kit

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CATALOG #  
**AAA90094**

REACTIVITY  
**Sheep**

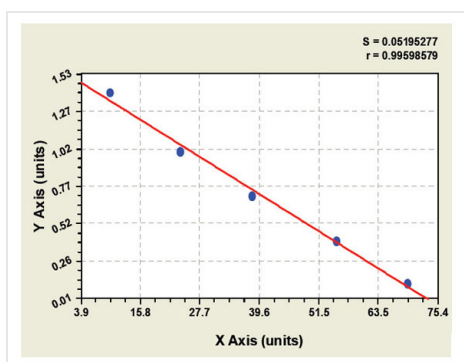
### PRODUCT SYNONYMS

BH3 Interacting Domain Death Agonist; Sheep BH3 Interacting Domain Death Agonist ELISA Kit; Bid elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Sheep                                                                      |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate |
| Assay Type              | 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 Bid elisa kit

**For samples:** Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

**INTENDED USE** This BID ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep BID. This ELISA kit for research use only!

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

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 47678309                                                                                                                                                                   |
| NCBI GeneID                      | 637                                                                                                                                                                        |
| UniProt Accession #              | P55957; Q549M7; Q71T04; Q7Z4M9; Q8IY86                                                                                                                                     |
| Molecular Weight                 | 11,263 Da                                                                                                                                                                  |
| NCBI Official Full Name          | BID                                                                                                                                                                        |
| NCBI Official Synonym Full Names | BH3 interacting domain death agonist                                                                                                                                       |
| NCBI Official Symbol             | BID                                                                                                                                                                        |
| NCBI Official Synonym Symbols    | FP497                                                                                                                                                                      |
| NCBI Protein Information         | BH3-interacting domain death agonist; p22 BID; BID isoform Si6; BID isoform L(2); BID isoform ES(1b); desmocollin type 4; apoptic death agonist; Human BID coding sequence |
| UniProt Protein Name             | BH3-interacting domain death agonist                                                                                                                                       |
| UniProt Gene Name                | <b>BID</b>                                                                                                                                                                 |
| UniProt Synonym Gene Names       | BID                                                                                                                                                                        |
| UniProt Entry Name               | BID_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/bid-sheep-elisa-kits/bh3-interacting-domain-death-agonist/90094>