

## Human B9 protein domain 1 (B9D1) ELISA Kit | B9D1 elisa kit

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CATALOG #  
**AAA244875**

REACTIVITY  
**Human**

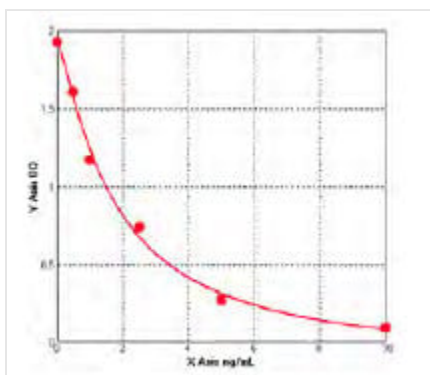
### PRODUCT SYNONYMS

B9 protein domain 1 (B9D1); Human B9 protein domain 1 (B9D1) ELISA Kit; B9D1 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 B9D1 elisa kit

**Intended Uses:** This B7H4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human B7H4. This ELISA kit for research use only!

**Principle of the Assay:** B7H4 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-B7H4 antibody and an B7H4-HRP conjugate. The assay sample and buffer are incubated together with B7H4-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 B7H4 concentration since B7H4 from samples and B7H4-HRP conjugate compete for the anti-B7H4 antibody binding site. Since the number of sites is limited, as more sites are occupied by B7H4 from the sample, fewer sites are left to bind B7H4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The B7H4 concentration in each sample is interpolated from this standard curve.

**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/b9-protein-domain-1-b9d1/244875>