

## Rat 1, 3-beta-D-glucan ELISA Kit | BDG elisa kit

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CATALOG #  
**AAA16544**

REACTIVITY  
**Rat**

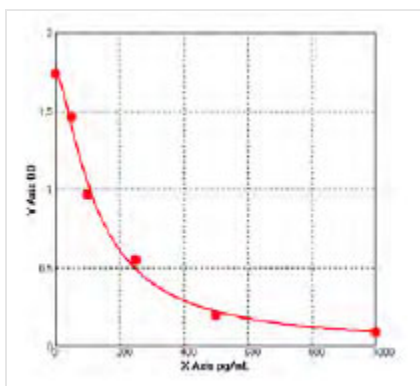
### PRODUCT SYNONYMS

1; 3-beta-D-glucan; Rat 1; 3-beta-D-glucan ELISA Kit; 3-b-D-glucan ELISA Kit; BDG elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Rat                                                                        |
| 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 BDG elisa kit

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

**Principle of the Assay:** BDG ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-BDG antibody and an BDG-HRP conjugate. The assay sample and buffer are incubated together with BDG-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 BDG concentration since BDG from samples and BDG-HRP conjugate compete for the anti-BDG antibody binding site. Since the number of sites is limited, as more sites are occupied by BDG from the sample, fewer sites are left to bind BDG-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BDG 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/bdg-rat-elisa-kits/1-3-beta-d-glucan/16544>