

## Rabbit Concanavalin A ELISA Kit | ConA elisa kit

Rabbit Concanavalin A ELISA Kit

CATALOG #  
**AAA82671**

REACTIVITY  
**Rabbit**

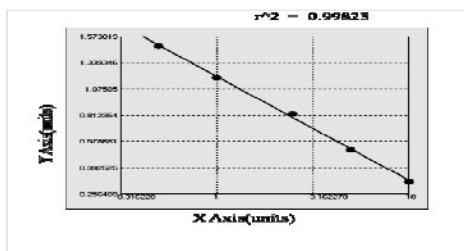
### PRODUCT SYNONYMS

Concanavalin A; Rabbit Concanavalin A ELISA Kit; ConA elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Rabbit                                                                     |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate |
| Assay Type              | Sandwich                                                                   |
| Detection Range         | 0.5-10ng/mL                                                                |
| Sensitivity             | 0.1ng/mL                                                                   |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for ConA elisa kit

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

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

#### Product Categories/Family for ConA elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

|                         |                            |
|-------------------------|----------------------------|
| NCBI GI #               | 72333                      |
| NCBI Official Full Name | concanavalin A - jack bean |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/cona-rabbit-elisa-kits/concanavalin-a/82671>