

## Human C4 Binding Protein Alpha (C4BPA) ELISA Kit | C4BPA elisa kit

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CATALOG #  
**AAA31513**

REACTIVITY  
**Human**

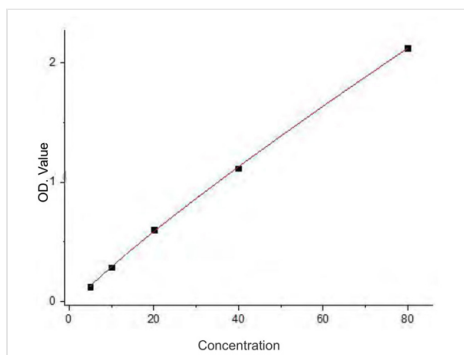
### PRODUCT SYNONYMS

C4 Binding Protein Alpha (C4BPA); Human C4 Binding Protein Alpha (C4BPA) ELISA Kit; C4BPA elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                         |
| Assay Type              | Sandwich                                                                                                                                                                                                      |
| Samples                 | Human serum, cell culture supernates and other biological fluids                                                                                                                                              |
| Detection Range         | 2.5 ng/mL - 40 ng/mL                                                                                                                                                                                          |
| Sensitivity             | < 0.1 ng/mL                                                                                                                                                                                                   |
| Intra-assay Precision   | Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.                                                                                     |
| Inter-assay Precision   | Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%. |
| Preparation and Storage | Store at 2-8 degree C.                                                                                                                                                                                        |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

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| Related Product Information for C4BPA elisa kit | <p>Background: C4BPA is a Protein Coding gene. This gene encodes a member of a superfamily of proteins composed predominantly of tandemly arrayed short consensus repeats of approximately 60 amino acids. Diseases associated with C4BPA include Protein S Deficiency and Acute Poststreptococcal Glomerulonephritis. Among its related pathways are Innate Immune System and Complement and coagulation cascades.</p> <p>Principle of the Assay: Human C4 Binding Protein Alpha (C4BPA) ELISA Kit employs a two-site sandwich ELISA to quantitate C4BPA in samples. An antibody specific for C4BPA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any C4BPA present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human C4BPA detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of C4BPA bound in the initial step. The color development is stopped and the intensity of the color is measured.</p> |
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**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://www.aaabiotech.com/human-elisa-kits/c4bindingproteinalpha-c4bpa/31513>