

## Rat Angiotensin 1 ELISA Kit | ANG1 elisa kit

Rat Angiotensin 1 ELISA Kit

CATALOG #  
**AAA92916**

REACTIVITY  
**Rat**

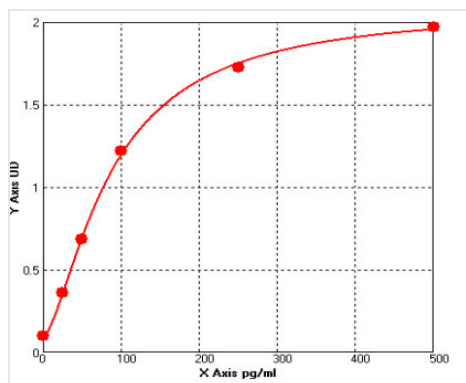
### PRODUCT SYNONYMS

Angiotensin 1; Rat Angiotensin 1 ELISA Kit; ANG1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Ang1. No significant cross-reactivity or interference between Ang1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between Ang1 and all the analogues, therefore, cross reaction may still exist in some cases. |
| Assay Type              | Quantitative Competitive or Sandwich                                                                                                                                                                                                                                                                                                                                                     |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                               |
| Sensitivity             | 1.0pg/mL                                                                                                                                                                                                                                                                                                                                                                                 |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                      |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

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| Related Product Information for ANG1 elisa kit | <p>Principle of the Assay: Ang1 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for Ang1. Standards or samples are then added to the microtiter plate wells and Ang1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of Ang1 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for Ang1 are added to each well to "sandwich" the Ang1 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain Ang1 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Ang1 concentration in each sample is interpolated from this standard curve.</p> <p>Intended Uses: This Ang1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat Ang1. This ELISA kit for research use only, not for therapeutic or test applications!</p> |
| Product Categories/Family for ANG1 elisa kit   | Cardiovascular                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

**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/ang1-rat-elisa-kits/angiotensin-1/92916>