

## Monkey Angiopoietin 1 ELISA Kit | ANG1 elisa kit

Monkey Angiopoietin 1 ELISA Kit

CATALOG #  
**AAA17028**

REACTIVITY  
**Monkey**

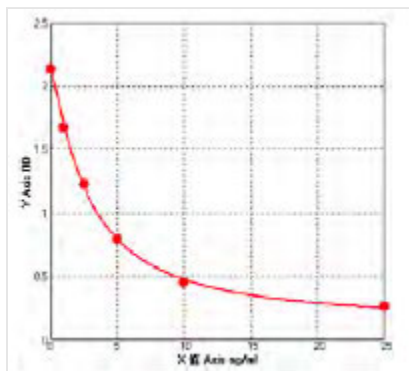
### PRODUCT SYNONYMS

Angiopoietin 1; Monkey Angiopoietin 1 ELISA Kit; ANG1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Monkey                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of ANG-1. No significant cross-reactivity or interference between ANG-1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ANG-1 and all the analogues, therefore, cross reaction may still exist in some cases. |
| 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 ANG1 elisa kit | <p>Intended Uses: This ANG-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey ANG-1. This ELISA kit for research use only, not for therapeutic or test applications!</p> <p>Principle of the Assay: ANG-1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ANG-1 antibody and an ANG-1-HRP conjugate. The assay sample and buffer are incubated together with ANG-1-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 ANG-1 concentration since ANG-1 from samples and ANG-1-HRP conjugate compete for the anti-ANG-1 antibody binding site. Since the number of sites is limited, as more sites are occupied by ANG-1 from the sample, fewer sites are left to bind ANG-1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ANG-1 concentration in each sample is interpolated from this standard curve.</p> |
| Product Categories/Family for ANG1 elisa kit   | Cardiovascular                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

NCBI AND UNIPROT INFORMATION

|                                  |                             |
|----------------------------------|-----------------------------|
| NCBI GI #                        | 315434240                   |
| NCBI GeneID                      | 284                         |
| NCBI Accession #                 | NP_001186788.1              |
| NCBI GenBank Nucleotide #        | NM_001199859.1              |
| Molecular Weight                 | 57,456 Da                   |
| NCBI Official Full Name          | angiotensinogen-1 isoform 2 |
| NCBI Official Synonym Full Names | angiotensinogen 1           |
| NCBI Official Symbol             | ANGPT1                      |
| NCBI Official Synonym Symbols    | AGP1; AGPT; ANG1            |
| NCBI Protein Information         | angiotensinogen-1; ANG-1    |
| UniProt Protein Name             | Angiotensinogen-1           |
| UniProt Gene Name                | ANGPT1                      |
| UniProt Synonym Gene Names       | KIAA0003; ANG-1             |
| UniProt Entry Name               | ANGP1_HUMAN                 |

**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.