

## Mouse ANG3 ELISA Kit | ANG3 elisa kit

Mouse ANG3 (Angiopoietin 3) ELISA Kit

CATALOG #  
**AAA164119**

REACTIVITY  
**Mouse**

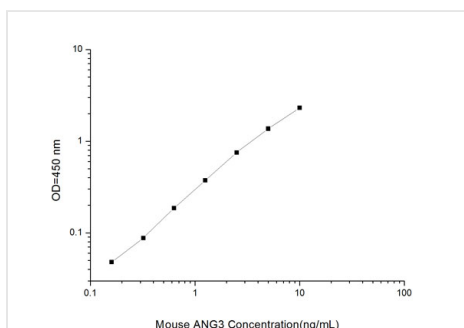
### PRODUCT SYNONYMS

ANG3; Mouse ANG3 (Angiopoietin 3) ELISA Kit; ANG3 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                  |
| Specificity             | This kit recognizes natural and recombinant Mouse ANG3. No significant cross-reactivity or interference between Mouse ANG3 and analogues was observed. |
| Sequence Length         | 491                                                                                                                                                    |
| Samples                 | Serum, Plasma, Biological Fluids                                                                                                                       |
| Assay Type              | Sandwich                                                                                                                                               |
| Detection Range         | 0.156-10ng/mL                                                                                                                                          |
| Sensitivity             | Min: 0.094ng/mL; Max: 10ng/mL                                                                                                                          |
| Intended Uses           | This ELISA kit applies to the in vitro quantitative determination of Mouse ANG3 concentrations in serum, plasma and other biological fluids.           |
| Preparation and Storage | Store at 4 degree C.                                                                                                                                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| Related Product Information for ANG3 elisa kit | <b>Principle of the assay:</b> This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to ANG3. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for ANG3 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain ANG3, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of ANG3. You can calculate the concentration of ANG3 in the samples by comparing the OD of the samples to the standard curve. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4757752                                                                                                                                                         |
| NCBI GeneID                      | 9068                                                                                                                                                            |
| NCBI Accession #                 | NP_004664.1                                                                                                                                                     |
| NCBI GenBank Nucleotide #        | NM_004673.3                                                                                                                                                     |
| UniProt Accession #              | O95841; Q5T5Z5                                                                                                                                                  |
| Molecular Weight                 | 56,720 Da                                                                                                                                                       |
| NCBI Official Full Name          | angiopoietin-related protein 1                                                                                                                                  |
| NCBI Official Synonym Full Names | angiopoietin-like 1                                                                                                                                             |
| NCBI Official Symbol             | ANGPTL1                                                                                                                                                         |
| NCBI Official Synonym Symbols    | ANG3; ARP1; AngY; ANGPT3; UNQ162; dJ595C2.2                                                                                                                     |
| NCBI Protein Information         | angiopoietin-related protein 1; ANG-3; angioarrestin; angiopoietin 3; angiopoietin Y1; angiopoietin-3; angiopoietin-like protein 1; dJ595C2.2 (angiopoietin Y1) |
| UniProt Protein Name             | Angiopoietin-related protein 1                                                                                                                                  |
| UniProt Gene Name                | ANGPTL1                                                                                                                                                         |
| UniProt Synonym Gene Names       | ANG3; ANGPT3; ARP1; ANG-3                                                                                                                                       |
| UniProt Entry Name               | ANGL1_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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/ang3/164119>