

## Human Annexin A1 ELISA Kit | ANXA1 elisa kit

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CATALOG #  
**AAA82836**

REACTIVITY  
**Human**

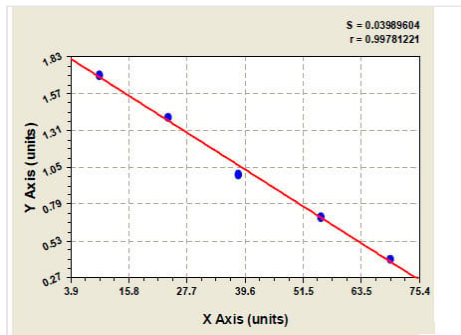
### PRODUCT SYNONYMS

Annexin A1; Human Annexin A1 ELISA Kit; ANXA1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Human                                                                      |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate |
| Assay Type              | Competitive                                                                |
| Detection Range         | 1.0-25ng/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 ANXA1 elisa kit

**Intended Uses:** This ANXA1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ANXA1. This ELISA kit for research use only!

**Principle of the Assay**||ANXA1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ANXA1 antibody and an ANXA1-HRP conjugate. The assay sample and buffer are incubated together with ANXA1-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 ANXA1 concentration since ANXA1 from samples and ANXA1-HRP conjugate compete for the anti-ANXA1 antibody binding site. Since the number of sites is limited, as more sites are occupied by ANXA1 from the sample, fewer sites are left to bind ANXA1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ANXA1 concentration in each sample is interpolated from this standard curve.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                      |
|----------------------------------|----------------------------------------------------------------------|
| NCBI GI #                        | 169646754                                                            |
| NCBI GeneID                      | 285                                                                  |
| NCBI Accession #                 | NP_001112360.1                                                       |
| NCBI GenBank Nucleotide #        | NM_001118888.1                                                       |
| Molecular Weight                 | 56,848 Da                                                            |
| NCBI Official Full Name          | angiopoietin-2 isoform c                                             |
| NCBI Official Synonym Full Names | angiopoietin 2                                                       |
| NCBI Official Symbol             | ANGPT2                                                               |
| NCBI Official Synonym Symbols    | ANG2; AGPT2                                                          |
| NCBI Protein Information         | angiopoietin-2; ANG-2; Tie2-ligand; angiopoietin-2B; angiopoietin-2a |
| UniProt Protein Name             | Angiopoietin-2                                                       |
| UniProt Gene Name                | <b>ANGPT2</b>                                                        |
| UniProt Synonym Gene Names       | ANG-2                                                                |
| UniProt Entry Name               | ANGP2_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.