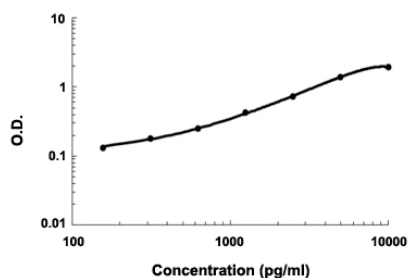


# ANGPT2 (Human) ELISA Kit

Catalog # KA4048

Size 1 Kit

## Applications



The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

## Specification

|                                |                                                                                                                                                                                                    |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | ANGPT2 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human ANGPT2.                                                                                        |
| <b>Suitable Sample</b>         | Cell culture supernates, Human milk, Plasma (heparin, EDTA), Saliva, Serum                                                                                                                         |
| <b>Sample Volume</b>           | 100 $\mu$ L                                                                                                                                                                                        |
| <b>Label</b>                   | HRP-conjugated                                                                                                                                                                                     |
| <b>Detection Method</b>        | Colorimetric                                                                                                                                                                                       |
| <b>Assay Type</b>              | Quantitative                                                                                                                                                                                       |
| <b>Calibration Range</b>       | 156 pg/ml to 10000 pg/ml                                                                                                                                                                           |
| <b>Reactivity</b>              | Human                                                                                                                                                                                              |
| <b>Regulation Status</b>       | For research use only (RUO)                                                                                                                                                                        |
| <b>Quality Control Testing</b> | Standard curve<br>The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed. |
| <b>Storage Instruction</b>     | Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.                                                                                                              |

## Applications

- Quantification

## Gene Info — ANGPT2

Entrez GeneID [285](#)

Gene Name ANGPT2

Gene Alias AGPT2, ANG2

Gene Description angiopoietin 2

Omim ID [601922](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** The protein encoded by this gene is an antagonist of angiopoietin 1 (ANGPT1) and endothelial TIEK tyrosine kinase (TIE-2, TEK). The encoded protein disrupts the vascular remodeling ability of ANGPT1 and may induce endothelial cell apoptosis. Three transcript variants encoding three different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations** Tie2-ligand|angiopoietin-2|angiopoietin-2B|angiopoietin-2a

## Disease

- [Abortion](#)
- [Birth Weight](#)
- [Brain Infarction](#)
- [Chorioamnionitis](#)
- [Disease Progression](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Endometrial Neoplasms](#)
- [Fetal Death](#)
- [Fetal Membranes](#)

- [Genetic Predisposition to Disease](#)
- [Leiomyoma](#)
- [Lymphedema](#)
- [Neovascularization](#)
- [Obstetric Labor](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Recurrence](#)
- [Respiratory Distress Syndrome](#)
- [Retinopathy of Prematurity](#)
- [Stroke](#)
- [Tobacco Use Disorder](#)
- [Uterine Cervical Neoplasms](#)
- [Uterine Neoplasms](#)