

# ELISA Kit for Angiopoietin 1 (ANGPT1)

## Catalog No: tcue1495

**Available Sizes** 

#### **Size:** 96T

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**Specifications** 

#### **Research Area:**

Tumor immunity;Cardiovascular biology;

**Species Reactivity:** Rattus norvegicus (Rat)

#### Sample Type:

serum, plasma, tissue homogenates and other biological fluids

#### Sensitivity:

The minimum detectable dose of this kit is typically less than 12.5pg/mL

#### **Detection Range:**

31.2-2,000pg/mL

#### Assay Time:

3h

#### **Detection Method:**

Enzyme-linked immunosorbent assay for Antigen Detection.

#### **Tested Application:**

ELISA

#### SwissProt:

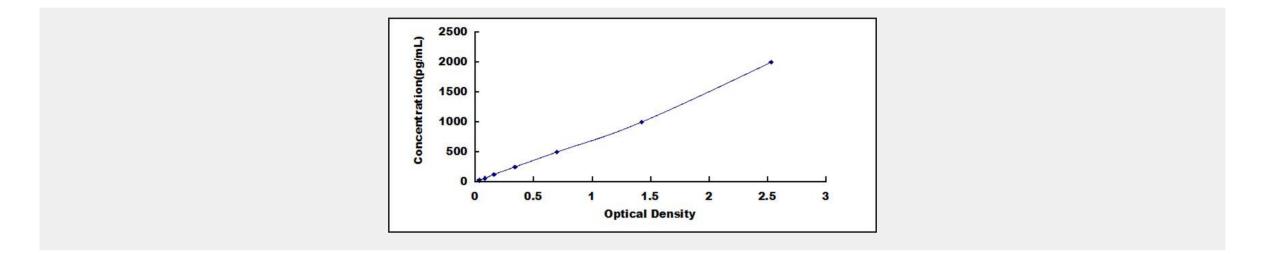
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### **Test Principle**

The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated



with an antibody specific to Angiopoietin 1 (ANGPT1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Angiopoietin 1 (ANGPT1). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Angiopoietin 1 (ANGPT1), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm  $\pm 10$ nm. The concentration of Angiopoietin 1 (ANGPT1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.



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