003216589045 (EU)
0203393 8531 (UK)
(408)780-0908 (US)
info@gentaur.com
www.caslab.com

Rat Ang- (Angiotensin) ELISA Kit

Cat #: G-EC-00194

Species: Rat

Sensitivity: 9.38pg/mL

Type: Competitive

Range: 15.63~1000pg/mL

Detection: Colormetric

Duration: 2.5h

Principle:
This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Rat Ang-. During the reaction, Rat Ang- in samples or Standard competes with a fixed amount of Rat Ang- on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Rat Ang-. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) are added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color change is measured spectrophotometrically at a wavelength of 450 ± 2 nm. The concentration of Rat Ang- in the samples is then determined by comparing the OD of the samples to the standard curve.

Specificity:
This kit recognizes Rat Ang- in samples. No significant cross-reactivity or interference between Rat Ang- and analogues was observed.

UniProt ID:

Gene: Ang-

Synonyms: Ang-II, Angiotensin-2

Specimen: Serum, plasma and other biological fluids

Application: This ELISA kit applies to the in vitro quantitative determination of Rat Ang- concentrations in Serum, plasma and other biological flu

Research Areas: Cancer, Cardiovascular, Metabolism, Signal transduction

Storage:
An unopened kit can be stored at 2-8°C for 1 month. If the kit is not supposed to be used within 1 month, store the items separately according to the storage table in the manual once the kit is received.