

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Rat Angiotensin II (Ang-II) ELISA Kit BYT-ORB1807084

Article Name	Rat Angiotensin II (Ang-II) ELISA Kit
Biozol Catalog Number	BYT-ORB1807084
Supplier Catalog Number	orb1807084
Alternative Catalog Number	BYT-ORB1807084-48,BYT-ORB1807084-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Rat
Product Description	Rat Angiotensin II (Ang-II) ELISA Kit...
Range	15.63-1000pg/mL
Sensitivity	9.38 pg/mL
Samples	serum, plasma, Tissue homogenate and Other biological samples
Target	AngII

Application Notes

Application Notes: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Rat Ang-II. During the reaction, Rat Ang-II in the sample or standard competes with a fixed amount of Rat Ang-II on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Rat Ang-II. Excess conjugate and unbound sample or standard are washed away, and Avidin-Horseradish Peroxidase (HRP) conjugate are added to each micro plate 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 turns from blue to yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm  $\pm$  2 nm. The concentration of Rat Ang-II in tested samples can be calculated by comparing the OD of the samples to the standard curve