

Product Datasheet

Rat Urocortin 3 (UCN3) ELISA Kit (orb781327)

Catalog Number	orb781327
Category	Assays and Kits
Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Urocortin 3(UCN3) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Urocortin 3(UCN3).
Reactivity	Rat
Concentration	1000 pg/mL
Tested applications	ELISA
Application notes	standard: 1000 pg/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Rat UCN3 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat UCN3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 $\pm$ 10nm. The concentration of Rat UCN3 in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Competitive
Assay Time	2.5h
Range	15.63-1000 pg/mL
Sensitivity	4.56 pg/mL
Sample Types	Serum, plasma and other biological fluids

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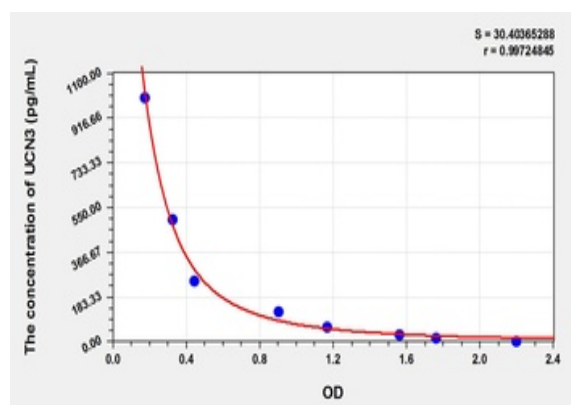
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Note

For research use only

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