

Product Datasheet

Human APLN(Apelin) ELISA Kit (orb1807120)

Description	Human APLN(Apelin) ELISA Kit
Reactivity	Human
Range	62.5-4000 pg/mL
Target	APLN
Note	For research use only
Application notes	<p>This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Human APLN. During the reaction, Human APLN in the sample or standard competes with a fixed amount of Human APLN on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Human APLN. 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 Human APLN in tested samples can be calculated by comparing the OD of the samples to the standard curve.</p>
Sample Types	plasma, serum
Sensitivity	25.2 pg/mL
Expiration Date	Please enquire.

