

Product Datasheet

Canine ANP(Atrial Natriuretic Peptide) ELISA Kit (orb1946519)

Description Canine ANP(Atrial Natriuretic Peptide) ELISA Kit

Reactivity Canine

Range 15.63-1000 pg/mL

Target ANP

Note For research use only

Application notes This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Atrial Natriuretic Peptide(ANP) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Atrial Natriuretic Peptide(ANP). 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 ± 10nm. The concentration of Atrial Natriuretic Peptide(ANP) in the samples is then determined by comparing the OD of the samples to the standard curve.

Sample Types serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Sensitivity 5.25 pg/mL

Expiration Date Please enquire.

