

Product Datasheet

Pig MUC2(Mucin 2) ELISA Kit orb1994862

Description	Pig MUC2(Mucin 2) ELISA Kit
Reactivity	Porcine
Range	7.82-500 ng/mL
Sensitivity	2.63 ng/mL
Note	For research use only.
Sample Types	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Expiration Date	Please enquire.
Application Notes	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Pig MUC2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig MUC2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Pig MUC2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 Pig MUC2 in the samples is then determined by comparing the OD of the samples to the standard curve.