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## Product Datasheet

### Simian CLDN5(Claudin 5) ELISA Kit BYT-ORB3127027

Article Name	Simian CLDN5(Claudin 5) ELISA Kit
Biozol Catalog Number	BYT-ORB3127027
Supplier Catalog Number	orb3127027
Alternative Catalog Number	BYT-ORB3127027-48, BYT-ORB3127027-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Primate
Product Description	Simian CLDN5(Claudin 5) ELISA Kit...
Range	0.32-20 ng/mL
Sensitivity	0.117 ng/mL
Samples	tissue homogenates, cell lysates and other biological fluids

Application Notes

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 Simian CLDN5. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Simian CLDN5. 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 Simian CLDN5, 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 10nm. The concentration of Simian CLDN5 in the samples is then determined by comparing the OD of the samples to the standard curve