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## Product Datasheet

### Human Laminin Alpha 5 (LAMa5) ELISA Kit BYT-ORB777208

Article Name	Human Laminin Alpha 5 (LAMa5) ELISA Kit
Biozol Catalog Number	BYT-ORB777208
Supplier Catalog Number	orb777208
Alternative Catalog Number	BYT-ORB777208-48, BYT-ORB777208-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	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 Laminin Alpha 5(LAMa5)....
Concentration	4000 pg/mL
Range	62.5-4000 pg/mL
Sensitivity	19.1 pg/mL
UniProt	<a href="#">O15230</a>
Samples	serum, plasma, tissue homogenates and other biological fluids

Application Notes

Application Notes: standard: 4000 pg/mL. Test principle: 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 Human LAMa5. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human LAMa5. 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 Human LAMa5, 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 Human LAMa5 in the samples is then determined by comparing the OD of the samples to the standard curve