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## Product Datasheet

### Rat Intestinal Fatty Acid Binding Protein (IFABP/FABP2) ELISA Kit BYT-ORB776467

Article Name	Rat Intestinal Fatty Acid Binding Protein (IFABP/FABP2) ELISA Kit
Biozol Catalog Number	BYT-ORB776467
Supplier Catalog Number	orb776467
Alternative Catalog Number	BYT-ORB776467-48, BYT-ORB776467-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Rat
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 Fatty Acid Binding Protein 2, Intestinal(FABP2)....
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.139 ng/mL
UniProt	<a href="#">P02693</a>
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 20 ng/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 Rat IFABP/FABP2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat IFABP/FABP2. 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 Rat IFABP/FABP2, 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 Rat IFABP/FABP2 in the samples is then determined by comparing the OD of the samples to the standard curve