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Product Datasheet

General Taurocholic Acid (TCA) ELISA Kit BYT-ORB782009

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| Article Name | General Taurocholic Acid (TCA) ELISA Kit |
| Biozol Catalog Number | BYT-ORB782009 |
| Supplier Catalog Number | orb782009 |
| Alternative Catalog Number | BYT-ORB782009-48, BYT-ORB782009-96 |
| Manufacturer | Biorbyt |
| Category | Kits/Assays |
| Application | ELISA |
| Species Reactivity | All |
| Product Description | This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Taurocholic Acid(TCA) protein. Standards or samples are added to the appropriate microtiter plate wells the... |
| Concentration | 300 ng/mL |
| Range | 4.69-300 ng/mL |
| Sensitivity | 1.47 ng/mL |
| Samples | Biological agents |

Application Notes

Application Notes: standard: 300 ng/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with TCA protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to TCA. 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 TCA in the samples is then determined by comparing the OD of the samples to the standard curve