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## Product Datasheet

### Human Acetylcholine (ACH) ELISA Kit BYT-ORB782428

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|----------------------------|---|
| Article Name               | Human Acetylcholine (ACH) ELISA Kit   |
| Biozol Catalog Number      | BYT-ORB782428   |
| Supplier Catalog Number    | orb782428   |
| Alternative Catalog Number | BYT-ORB782428-48, BYT-ORB782428-96  |
| Manufacturer               | Biorbyt   |
| Category                   | Kits/Assays   |
| Application                | ELISA   |
| Species Reactivity         | Human   |
| Product Description        | This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Acetylcholine(ACH) protein. Standards or samples are added to the appropriate microtiter plate wells then w... |
| Concentration              | 1000 pg/mL  |
| Range                      | 15.63-1000 pg/mL  |
| Sensitivity                | 5.1 pg/mL   |
| Samples                    | serum, plasma and other biological fluids   |

Application Notes

Application Notes: standard: 1000 pg/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human ACH protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human ACH. 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 Human ACH in the samples is then determined by comparing the OD of the samples to the standard curve