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Product Datasheet

General Inositol Triphosphate (IP3) ELISA Kit BYT-ORB781984

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| Artikelname | General Inositol Triphosphate (IP3) ELISA Kit |
| Artikelnummer | BYT-ORB781984 |
| Hersteller Artikelnummer | orb781984 |
| Alternativnummer | BYT-ORB781984-48, BYT-ORB781984-96 |
| Hersteller | Biorbyt |
| Kategorie | Kits/Assays |
| Applikation | ELISA |
| Spezies Reaktivität | All |
| Produktbeschreibung | This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Inositol Triphosphate(IP3) protein. Standards or samples are added to the appropriate microtiter plate well... |
| Konzentration | 10000 pg/mL |
| Detektionsbereich | 156.25-10000 pg/mL |
| Sensitivitaet | 48.6 pg/mL |
| Proben | serum, plasma, cell lysates, cell culture supernates and other biological fluids |

Anwendungsbeschreibung

Application Notes: standard: 10000 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 IP3 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to IP3. 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 IP3 in the samples is then determined by comparing the OD of the samples to the standard curve