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## Product Datasheet

### Human Glycosylated Ferritin (GF) ELISA Kit BYT-ORB782369

|                            |   |
|----------------------------|---|
| Article Name               | Human Glycosylated Ferritin (GF) ELISA Kit  |
| Biozol Catalog Number      | BYT-ORB782369   |
| Supplier Catalog Number    | orb782369   |
| Alternative Catalog Number | BYT-ORB782369-48, BYT-ORB782369-96  |
| 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 Glycosylated Ferritin (GF).... |
| Concentration              | 2000 nmol/mL  |
| Range                      | 31.25-2000 nmol/mL  |
| Sensitivity                | 10.21 nmol/mL   |
| Samples                    | serum, plasma   |

Application Notes

Application Notes: standard: 2000 nmol/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 GF protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human GF. 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 GF in the samples is then determined by comparing the OD of the samples to the standard curve