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Product Datasheet

Rat ELN(Elastin) Microsample ELISA Kit BYT-ORB2998007

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| Article Name | Rat ELN(Elastin) Microsample ELISA Kit |
| Biozol Catalog Number | BYT-ORB2998007 |
| Supplier Catalog Number | orb2998007 |
| Alternative Catalog Number | BYT-ORB2998007-48, BYT-ORB2998007-96 |
| Manufacturer | Biorbyt |
| Category | Kits/Assays |
| Species Reactivity | Rat |
| Product Description | Rat ELN(Elastin) Microsample ELISA Kit... |
| Range | 31.25-2000 pg/mL |
| Sensitivity | 13.9 pg/mL |
| UniProt | Q99372 |
| Samples | serum, plasma and other biological fluids |

Application Notes

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