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Product Datasheet

Rat Heat Shock 70kDa Protein 1 Like Protein (HSPA1L) ELISA Kit BYT-ORB781602

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| Article Name | Rat Heat Shock 70kDa Protein 1 Like Protein (HSPA1L) ELISA Kit |
| Biozol Catalog Number | BYT-ORB781602 |
| Supplier Catalog Number | orb781602 |
| Alternative Catalog Number | BYT-ORB781602-48, BYT-ORB781602-96 |
| Manufacturer | Biorbyt |
| Category | Kits/Assays |
| Application | ELISA |
| Species Reactivity | Rat |
| Product Description | 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 Heat Shock 70kDa Protein 1 Like Protein(HSPA1L).... |
| Concentration | 100 ng/mL |
| Range | 1.57-100 ng/mL |
| Sensitivity | 0.62 ng/mL |
| UniProt | P55063 |
| Samples | serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids |

Application Notes

Application Notes: standard: 100 ng/mL. Test principle: 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 HSPA1L. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat HSPA1L. 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 HSPA1L, 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 HSPA1L in the samples is then determined by comparing the OD of the samples to the standard curve