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Product Datasheet

GSSG(Oxidized Glutathione) ELISA Kit EBT-ELK9195

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| Article Name | GSSG(Oxidized Glutathione) ELISA Kit |
| Biozol Catalog Number | EBT-ELK9195 |
| Supplier Catalog Number | ELK9195 |
| Alternative Catalog Number | EBT-ELK9195-96, EBT-ELK9195-48, EBT-ELK9195-96X5 |
| Manufacturer | ELK Biotechnology |
| Category | Kits/Assays |
| Species Reactivity | All |
| Concentration | 20000 ng/mL |
| Range | 312.5-20000 ng/mL |
| Sensitivity | 89.5 ng/mL |
| Samples | biological agents and other biological fluids |

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Metabolic pathway. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with GSSG. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to GSSG. 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 GSSG in the samples is then determined by comparing the OD of the samples to the standard curve