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## Product Datasheet

### Human SLC2A13 (Proton myo-inositol cotransporter) ELISA Kit EBT-ELK9985

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|----------------------------|---|
| Article Name               | Human SLC2A13 (Proton myo-inositol cotransporter) ELISA Kit   |
| Biozol Catalog Number      | EBT-ELK9985   |
| Supplier Catalog Number    | ELK9985   |
| Alternative Catalog Number | EBT-ELK9985-96, EBT-ELK9985-96X5, EBT-ELK9985-48              |
| Manufacturer               | ELK Biotechnology   |
| Category                   | Kits/Assays   |
| Species Reactivity         | Human   |
| Concentration              | 30 ng/mL  |
| Range                      | 0.47-30 ng/mL   |
| Sensitivity                | 0.193 ng/mL   |
| UniProt                    | <a href="#">Q96QE2</a>  |
| Samples                    | Serum, plasma, tissue homogenates and other biological fluids |

#### Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction,. 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 Human SLC2A13. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human SLC2A13. 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 Human SLC2A13, 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 Human SLC2A13 in the samples is then determined by comparing the OD of the samples to the standard curve