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## Product Datasheet

### Human IL-40(Interleukin 40) Microsample ELISA Kit EBT-ELK0969MS

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|----------------------------|--|
| Article Name               | Human IL-40(Interleukin 40) Microsample ELISA Kit  |
| Biozol Catalog Number      | EBT-ELK0969MS  |
| Supplier Catalog Number    | ELK0969MS  |
| Alternative Catalog Number | EBT-ELK0969MS-96, EBT-ELK0969MS-48, EBT-ELK0969MS-96X5   |
| Manufacturer               | ELK Biotechnology  |
| Category                   | Kits/Assays  |
| Species Reactivity         | Human  |
| Concentration              | 20 ng/mL   |
| Range                      | 0.32-20 ng/mL  |
| Sensitivity                | 0.13 ng/mL   |
| UniProt                    | <a href="#">Q6UX52</a>   |
| Samples                    | serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids |

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Cytokine, Tumor immunity, Infection immunity, Cardiovascular biology, . 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 IL-40. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human IL-40. 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 IL-40, 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 IL-40 in the samples is then determined by comparing the OD of the samples to the standard curve