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# Product Datasheet

## Human RPA1(Replication Protein A1) ELISA Kit
## EBT-ELK4413

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| Article Name | Human RPA1(Replication Protein A1) ELISA Kit |
| Biozol Catalog Number | EBT-ELK4413 |
| Supplier Catalog Number | ELK4413 |
| Alternative Catalog Number | EBT-ELK4413-96, EBT-ELK4413-48, EBT-ELK4413-96X5 |
| Manufacturer | ELK Biotechnology |
| Category | Kits/Assays |
| Species Reactivity | Human |
| Concentration | 20 ng/mL |
| Range | 0.32-20 ng/mL |
| Sensitivity | 0.11 ng/mL |
| UniProt | P27694 |
| Samples | Tissue homogenates and other biological fluids. |

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| 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 RPA1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human RPA1. 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 RPA1, 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 RPA1 in the samples is then determined by comparing the OD of the samples to the standard curve |