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## Product Datasheet

### Human anti-HCV(anti-Hepatitis C antibody) ELISA Kit EBT-ELK0923

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|----------------------------|------------------------------------------------------------------------------------------------------|
| Article Name               | Human anti-HCV(anti-Hepatitis C antibody) ELISA Kit                                                  |
| Biozol Catalog Number      | EBT-ELK0923                                                                                          |
| Supplier Catalog Number    | ELK0923                                                                                              |
| Alternative Catalog Number | EBT-ELK0923-96, EBT-ELK0923-48, EBT-ELK0923-96X5                                                     |
| Manufacturer               | ELK Biotechnology                                                                                    |
| Category                   | Kits/Assays                                                                                          |
| Species Reactivity         | Human                                                                                                |
| Concentration              | 20 ng/mL                                                                                             |
| Range                      | 0.32-20 ng/mL                                                                                        |
| Sensitivity                | 0.12 ng/mL                                                                                           |
| Samples                    | serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids |

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| Application Notes | <p>Assay Type: Sandwich. Assay length: 3.5h. Research Area: Infection immunity,. 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 anti-HCV. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human anti-HCV. 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 anti-HCV, 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 anti-HCV in the samples is then determined by comparing the OD of the samples to the standard curve</p> |
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