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## Product Datasheet

### Human Anti-Hepatitis C Antibody (Anti-HCV) ELISA Kit BYT-ORB1496520

|                            |                                                                                                                                                                                                                                                               |
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| Article Name               | Human Anti-Hepatitis C Antibody (Anti-HCV) ELISA Kit                                                                                                                                                                                                          |
| Biozol Catalog Number      | BYT-ORB1496520                                                                                                                                                                                                                                                |
| Supplier Catalog Number    | orb1496520                                                                                                                                                                                                                                                    |
| Alternative Catalog Number | BYT-ORB1496520-48,BYT-ORB1496520-96                                                                                                                                                                                                                           |
| Manufacturer               | Biorbyt                                                                                                                                                                                                                                                       |
| Category                   | Kits/Assays                                                                                                                                                                                                                                                   |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Product Description        | 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... |
| 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>Application Notes: standard: 20 ng/mL. 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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