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## Product Datasheet

### Simian CYFRA21-1(CytokeSimianin Fragment Antigen 21-1) ELISA Kit BYT-ORB3127064

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|----------------------------|--|
| Article Name               | Simian CYFRA21-1(CytokeSimianin Fragment Antigen 21-1) ELISA Kit                                     |
| Biozol Catalog Number      | BYT-ORB3127064   |
| Supplier Catalog Number    | orb3127064   |
| Alternative Catalog Number | BYT-ORB3127064-48, BYT-ORB3127064-96   |
| Manufacturer               | Biorbyt  |
| Category                   | Kits/Assays  |
| Species Reactivity         | Primate  |
| Product Description        | Simian CYFRA21-1(CytokeSimianin Fragment Antigen 21-1) ELISA Kit...                                  |
| Range                      | 0.32-20 ng/mL  |
| Sensitivity                | 0.117 ng/mL  |
| Samples                    | serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids |

Application Notes

Application Notes: 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 Simian CYFRA21-1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Simian CYFRA21-1. 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 Simian CYFRA21-1, 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 Simian CYFRA21-1 in the samples is then determined by comparing the OD of the samples to the standard curve