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## Product Datasheet

### Human Collagen Type VII (COL7) ELISA Kit BYT-ORB777027

|                            |   |
|----------------------------|---|
| Article Name               | Human Collagen Type VII (COL7) ELISA Kit  |
| Biozol Catalog Number      | BYT-ORB777027   |
| Supplier Catalog Number    | orb777027   |
| Alternative Catalog Number | BYT-ORB777027-48, BYT-ORB777027-96  |
| Manufacturer               | Biorbyt   |
| Category                   | Kits/Assays   |
| Application                | ELISA   |
| 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 Collagen Type VII(COL7).... |
| Concentration              | 1000 pg/mL  |
| Range                      | 15.63-1000 pg/mL  |
| Sensitivity                | 5.9 pg/mL   |
| Samples                    | Serum, plasma, tissue homogenates and other biological fluids   |

Application Notes

Application Notes: standard: 1000 pg/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 COL7. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human COL7. 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 COL7, 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 COL7 in the samples is then determined by comparing the OD of the samples to the standard curve