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## Product Datasheet

### Human Anti-tTG IgG (Anti-Tissue Transglutaminase IgG) ELISA Kit EBT-ELK0751

|                            |                                                                 |
|----------------------------|-----------------------------------------------------------------|
| Article Name               | Human Anti-tTG IgG (Anti-Tissue Transglutaminase IgG) ELISA Kit |
| Biozol Catalog Number      | EBT-ELK0751                                                     |
| Supplier Catalog Number    | ELK0751                                                         |
| Alternative Catalog Number | EBT-ELK0751-96, EBT-ELK0751-48, EBT-ELK0751-96X5                |
| Manufacturer               | ELK Biotechnology                                               |
| Category                   | Kits/Assays                                                     |
| Species Reactivity         | Human                                                           |
| Concentration              | 100 ng/mL                                                       |
| Range                      | 1.56-100 ng/mL                                                  |
| Sensitivity                | 0.6 ng/mL                                                       |
| Samples                    | Serum, plasma, tissue homogenates and other biological fluids.  |

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| Application Notes | <p>Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme &amp; Kinase,Endocrinology,Neuro science,Autoimmunity,. 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-tTG IgG. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human Anti-tTG IgG. 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-tTG IgG, 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-tTG IgG in the samples is then determined by comparing the OD of the samples to the standard curve</p> |
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