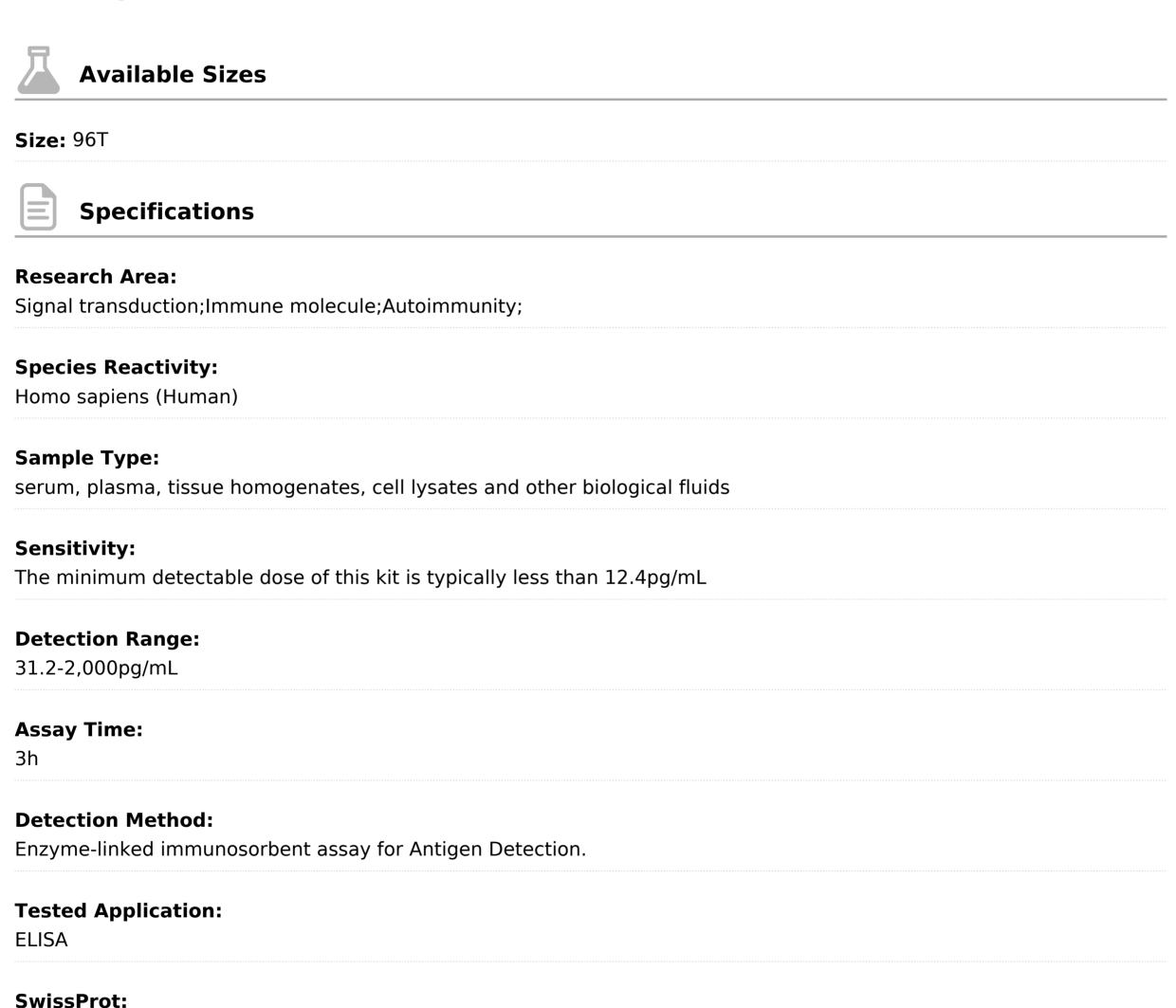




ELISA Kit for Cytotoxic T-Lymphocyte Associated Antigen 4 (CTLA4)

Catalog No: tcue541

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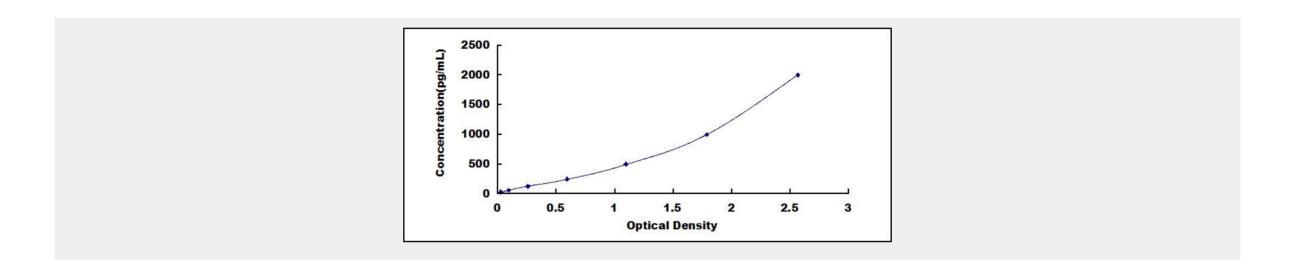






Test Principle

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 Cytotoxic T-Lymphocyte Associated Antigen 4 (CTLA4). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Cytotoxic T-Lymphocyte Associated Antigen 4 (CTLA4). 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 Cytotoxic T-Lymphocyte Associated Antigen 4 (CTLA4), 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 \pm 10nm. The concentration of Cytotoxic T-Lymphocyte Associated Antigen 4 (CTLA4) in the samples is then determined by comparing the O.D. of the samples to the standard curve.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!