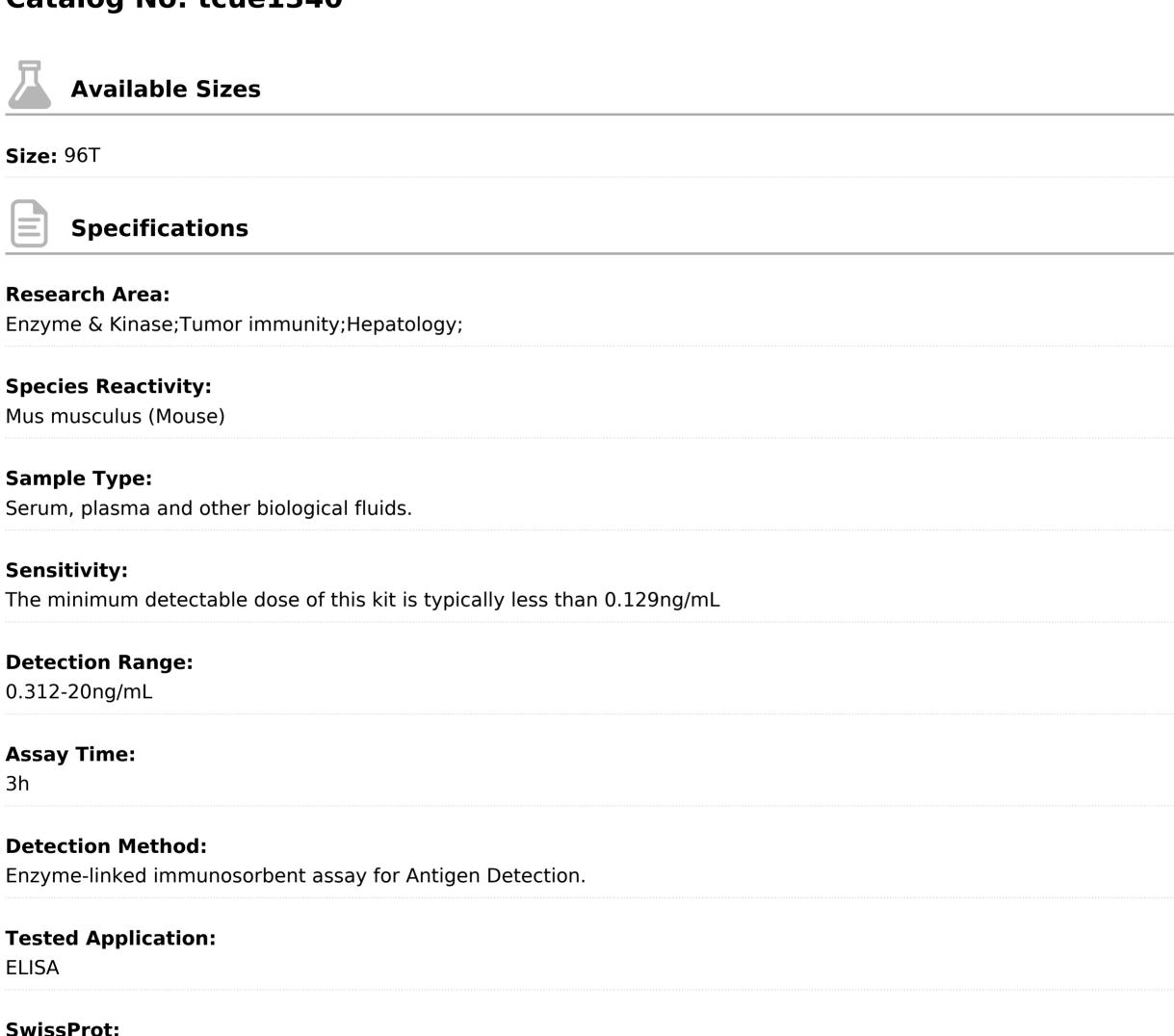




## **ELISA Kit for Glutathione S Transferase Alpha 1** (GSTa1)

Catalog No: tcue1340

P13745

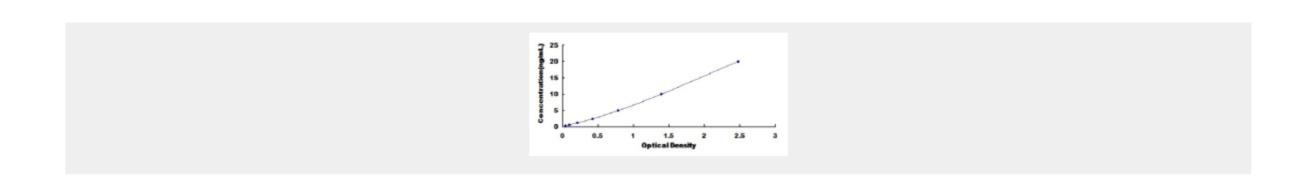






## **Test Principle**

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 Glutathione S Transferase Alpha 1 (GSTa1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Glutathione S Transferase Alpha 1 (GSTa1). 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 Glutathione S Transferase Alpha 1 (GSTa1), 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  $450 \text{nm} \pm 10 \text{nm}$ . The concentration of Glutathione S Transferase Alpha 1 (GSTa1) 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!