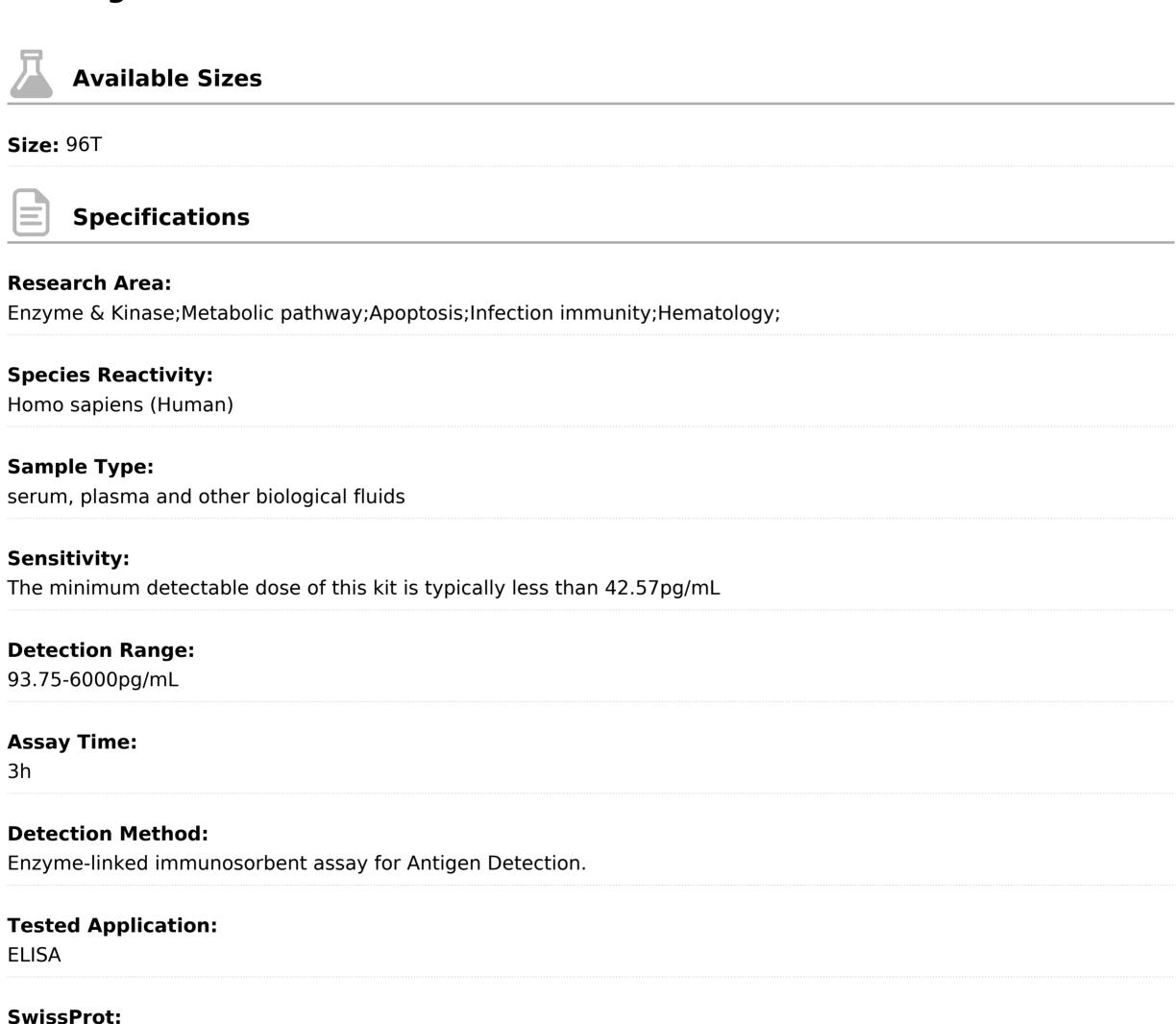




## **ELISA Kit for Mannose Associated Serine Protease 1** (MASP1)

Catalog No: tcue1741

P48740

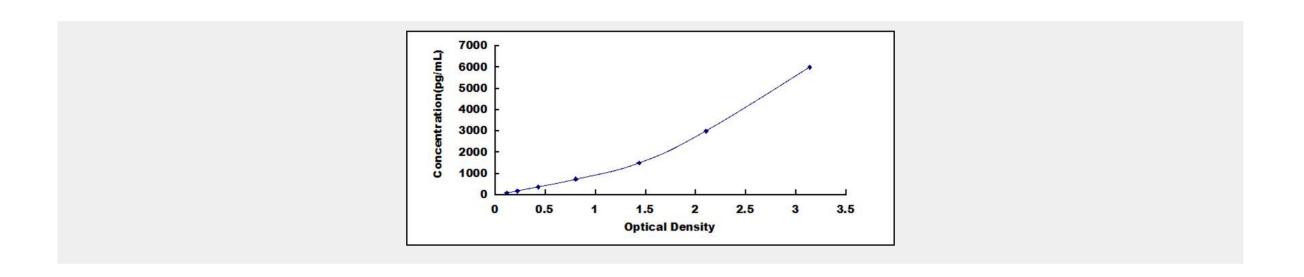






## **Test Principle**

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 Mannose Associated Serine Protease 1 (MASP1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Mannose Associated Serine Protease 1 (MASP1). 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 Mannose Associated Serine Protease 1 (MASP1), 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 Mannose Associated Serine Protease 1 (MASP1) 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!