

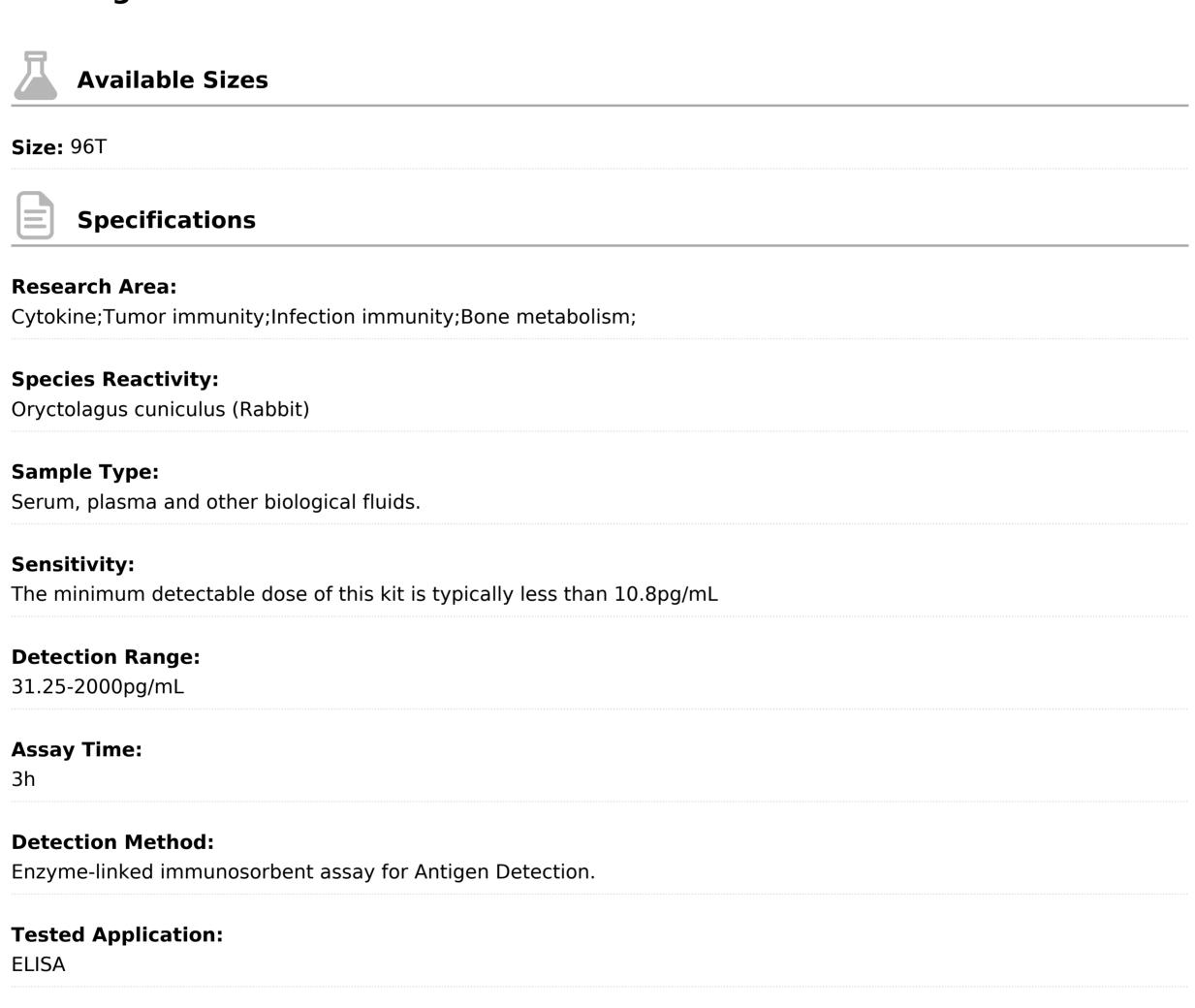


ELISA Kit for Platelet Derived Growth Factor Subunit A (PDGFA)

Catalog No: tcue1447

SwissProt:

P34007

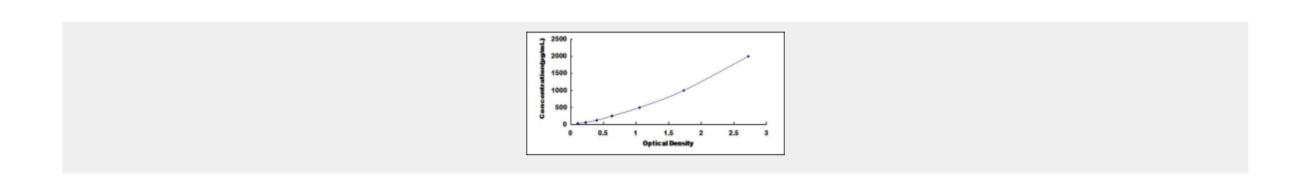






Test Principle

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 Platelet Derived Growth Factor Subunit A (PDGFA). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Platelet Derived Growth Factor Subunit A (PDGFA). 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 Platelet Derived Growth Factor Subunit A (PDGFA), 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 Platelet Derived Growth Factor Subunit A (PDGFA) 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!