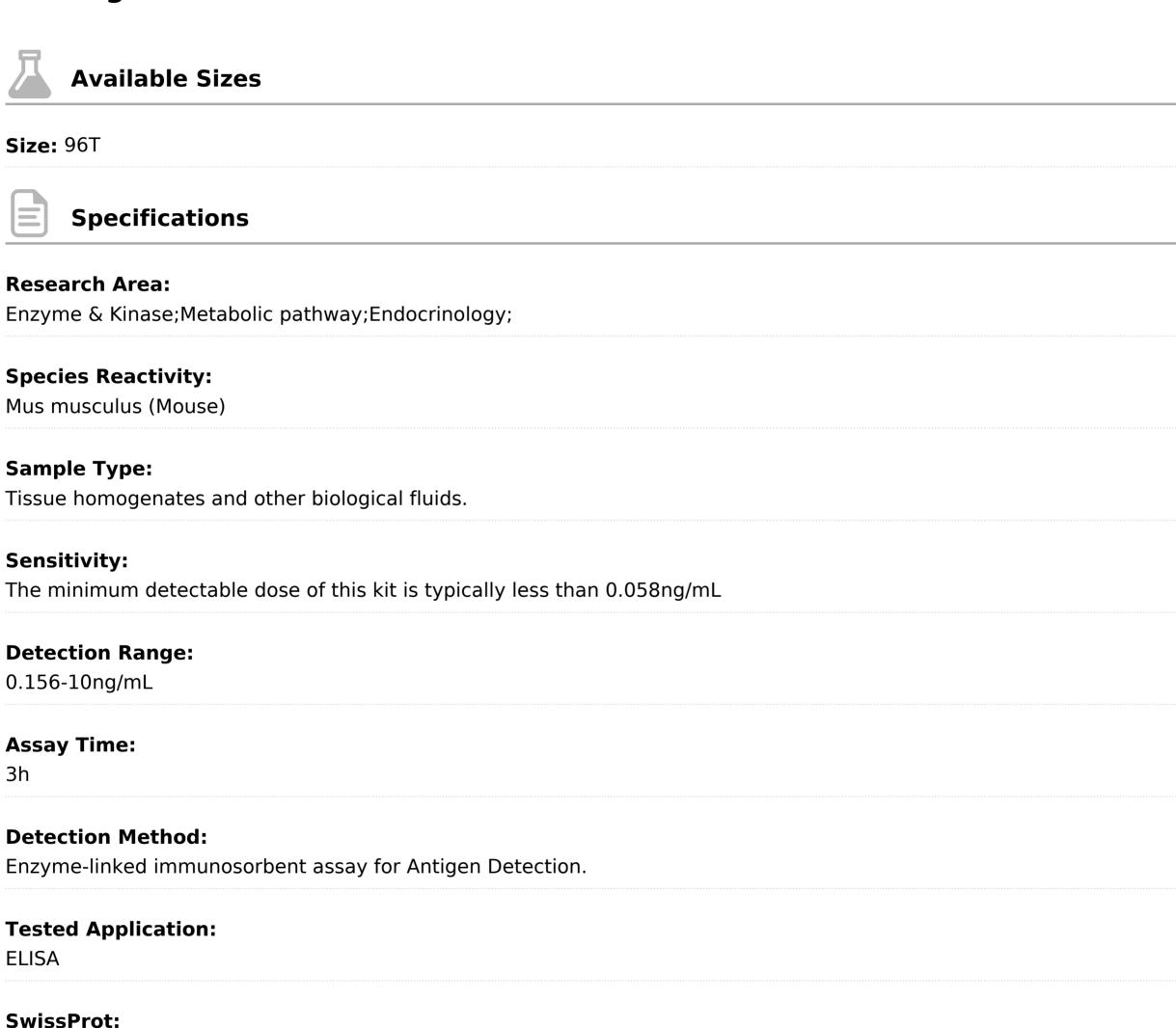




ELISA Kit for Phosphoenolpyruvate Carboxykinase 1, Soluble (PCK1)

Catalog No: tcue875

Q9Z2V4

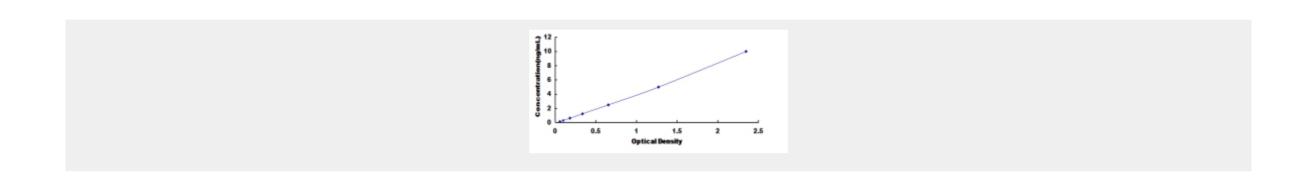






Test Principle

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 Phosphoenolpyruvate Carboxykinase 1, Soluble (PCK1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Phosphoenolpyruvate Carboxykinase 1, Soluble (PCK1). 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 Phosphoenolpyruvate Carboxykinase 1, Soluble (PCK1), 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 Phosphoenolpyruvate Carboxykinase 1, Soluble (PCK1) 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!