



ELISA Kit for Breast Cancer Susceptibility Protein 2 (BRCA2)

Catalog No: tcue629

P51587

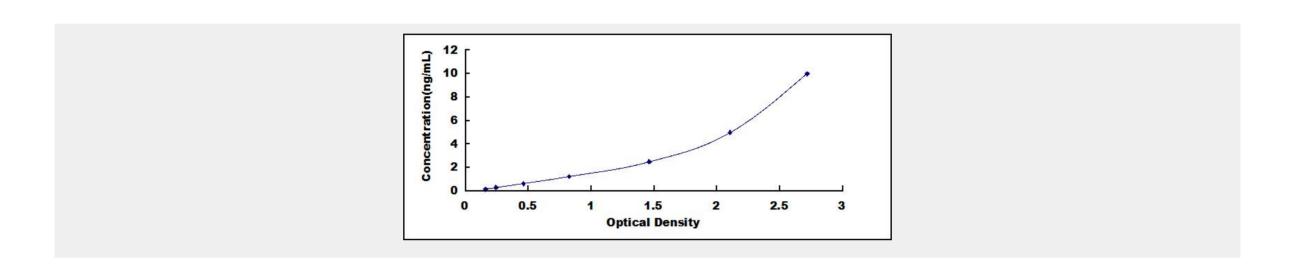
Available Sizes
Size: 96T
Specifications
Research Area: Tumor immunity;Genetic science;
Species Reactivity: Homo sapiens (Human)
Sample Type: tissue homogenates, cell lysates and other biological fluids
Sensitivity: The minimum detectable dose of this kit is typically less than 0.060ng/mL
Detection Range: 0.156-10ng/mL
Assay Time: 3h
Detection Method: Enzyme-linked immunosorbent assay for Antigen Detection.
Tested Application: ELISA
SwissProt:





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 Breast Cancer Susceptibility Protein 2 (BRCA2). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Breast Cancer Susceptibility Protein 2 (BRCA2). 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 Breast Cancer Susceptibility Protein 2 (BRCA2), 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 ± 10nm. The concentration of Breast Cancer Susceptibility Protein 2 (BRCA2) in the samples is then determined by comparing the O.D. of the samples to the standard curve.



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