

Datasheet for ABIN455171 **APH1A ELISA Kit**

[Go to Product page](#)

Overview

Quantity:	96 tests
Target:	APH1A
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	1.56-100 ng/mL
Minimum Detection Limit:	1.56 ng/mL
Application:	ELISA

Product Details

Purpose:	This immunoassay kit allows for the in vitro quantitative determination of human gamma-secretase, γ -secretase/GACE concentrations in cell culture supernates, serum, plasma, tissue homogenates and other biological fluids.
Sample Type:	Cell Culture Supernatant, Plasma, Serum, Tissue Homogenate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This assay recognizes recombinant and natural human γ -secretase/GACE.
Cross-Reactivity (Details):	No significant cross-reactivity or interference was observed.
Sensitivity:	< 0.39 ng/mL The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest detectable concentration that could be differentiated from zero.

Product Details

Characteristics:	Homo sapiens,Human,Gamma-secretase subunit APH-1A,APH-1a,Aph-1alpha,Presenilin-stabilization factor,APH1A,PSF,CGI-78,UNQ579/PRO1141
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Target Details

Target:	APH1A
Alternative Name:	APH1A (APH1A Products)
Pathways:	Notch Signaling , Neurotrophin Signaling Pathway

Application Details

Sample Volume:	100 µL
Plate:	Pre-coated
Protocol:	The microtiter plate provided in this kit has been pre-coated with an antibody specific to γ -secretase/GACE. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for γ -secretase/GACE. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain γ -secretase/GACE, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm \pm 2 nm. The concentration of γ -secretase/GACE in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Restrictions:	For Research Use only

Handling

Storage:	4 °C/-20 °C
Storage Comment:	The Standard, Detection Reagent A, Detection Reagent B and the 96-well strip plate should be stored at -20 °C upon being received. The other reagents can be stored at 4 °C.