

Product Datasheet

Human 2-Arachidonoylglycerol (2-AG) ELISA Kit (orb782336)

Catalog Number	orb782336
Category	Assays and Kits
Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with 2-Arachidonoylglycerol(2-AG) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to 2-Arachidonoylglycerol(2-AG).
Reactivity	Human
Concentration	300 ng/mL
Tested applications	ELISA
Application notes	standard: 300 ng/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human 2-AG protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 2-AG. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 Human 2-AG in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Competitive
Assay Time	2.5h
Range	4.69-300 ng/mL

Sensitivity. 1.47 ng/mL

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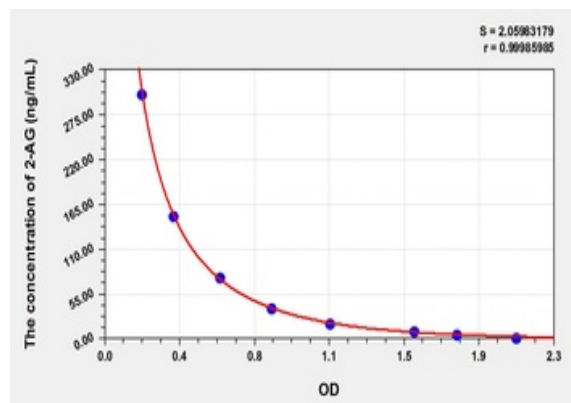
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Sample Types

Serum, plasma and other biological fluids

Note

For research use only

**Biorbyt Ltd.**

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