

Product Datasheet

Human D2-Hydroxyglutarate Dehydrogenase (D2HGDH) ELISA Kit (orb778875)

Catalog Number	orb778875
Category	Assays and Kits
Description	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 D2-Hydroxyglutarate Dehydrogenase(D2HGDH).
Reactivity	Human
Concentration	10 ng/mL
UniProt ID	Q8N465
Tested applications	ELISA
Application notes	standard: 10 ng/mL. 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 Human D2HGDH. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human D2HGDH. 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 Human D2HGDH, 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 \pm 10nm. The concentration of Human D2HGDH in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Sandwich
Assay Time	3.5h

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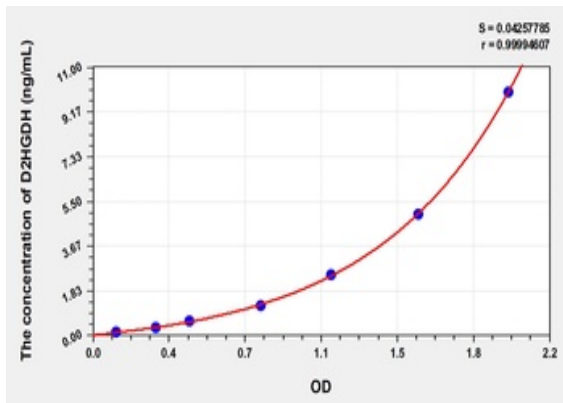
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Range	0.16-10 ng/mL
Sensitivity	0.067 ng/mL
Sample Types	Serum, plasma, tissue homogenates and other biological fluids
Note	For research use only
Expiration Date	Please enquire.

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