

Product Datasheet

Dog Glutamate Dehydrogenase 1 (GDH) ELISA Kit (orb782602)

Catalog Number	orb782602
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 Glutamate Dehydrogenase 1(GDH).
Reactivity	Canine
Concentration	10 ng/mL
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 Dog GDH. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog GDH. 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 Dog GDH, 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 Dog GDH in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Sandwich
Assay Time	3.5h
Range	0.16-10 ng/mL

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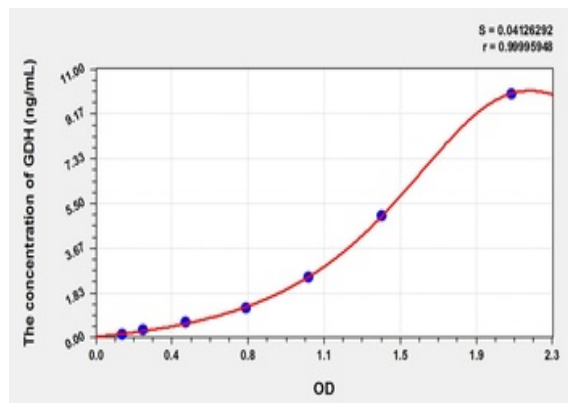
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Sensitivity	0.072 ng/mL
Sample Types	serum, plasma, tissue homogenates and other biological fluids
Note	For research use only
Expiration Date	Please enquire.



Standard curve for orb782602 ELISA kit.

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