

Product Datasheet

Rat GDF5 ELISA Kit (orb780554)

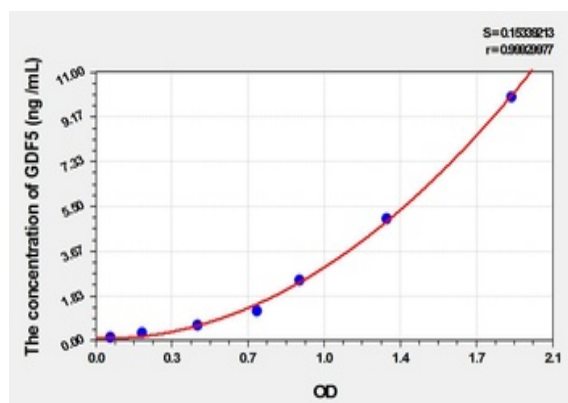
Description	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Growth Differentiation Factor 5(GDF5).
Reactivity	Rat
Range	0.16-10 ng/mL
Tested Applications	ELISA
Concentration	10 ng/mL
Note	For research use only
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 Rat GDF5. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat GDF5. 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 Rat GDF5, 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 Rat GDF5 in the samples is then determined by comparing the OD of the samples to the standard curve
Sample Types	Serum, plasma, tissue homogenates and other biological fluids.
Sensitivity	0.058 ng/mL
Expiration Date	Please enquire.

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