

Product Datasheet

Rat Growth Differentiation Factor 15 (GDF15) ELISA Kit (orb779618)

Catalog Number	orb779618
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 Growth Differentiation Factor 15(GDF15).
Reactivity	Rat
Concentration	1000 pg/mL
UniProt ID	Q9Z0J6
Tested applications	ELISA
Application notes	standard: 1000 pg/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 GDF15. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat GDF15. 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 GDF15, 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 ± 10nm. The concentration of Rat GDF15 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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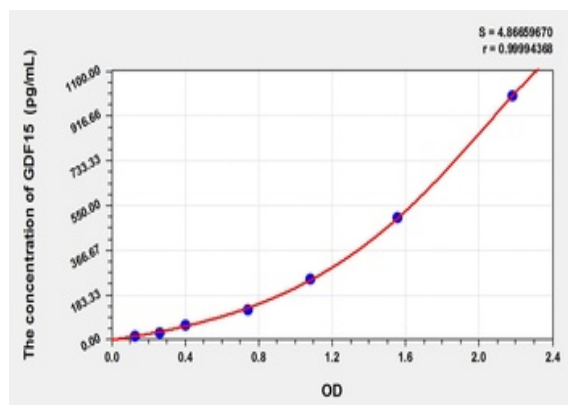
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Range	15.63-1000 pg/mL
Sensitivity	6 pg/mL
Sample Types	Serum, plasma, tissue homogenates and other biological fluids.
Note	For research use only
Expiration Date	Please enquire.



Standard curve for orb779618 ELISA kit.

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