

Product Datasheet

Mouse Fibrinogen Gamma (FGg) ELISA Kit (orb1736451)

Catalog Number	orb1736451
Category	Assays and Kits
Description	<p>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 Mouse FGg. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse FGg. 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 Mouse FGg, 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 Mouse FGg in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
Reactivity	Mouse
Concentration	200 ng/mL
UniProt ID	Q8VCM7

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Application notes

standard: 200 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 Mouse FGg. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse FGg. 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 Mouse FGg, 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 Mouse FGg 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

3.13-200 ng/mL

Sensitivity

1.27 ng/mL

Sample Types

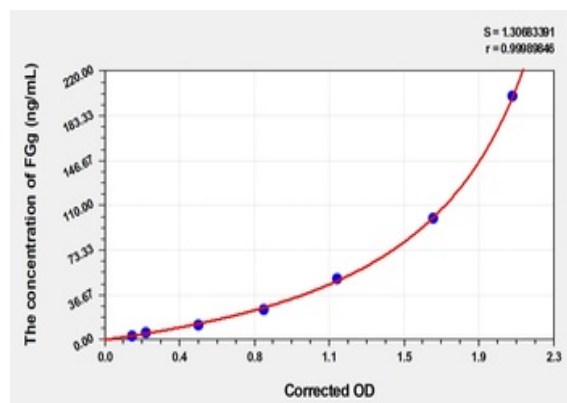
plasma

Note

For research use only

Expiration Date

6 months from date of receipt.

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