

Product Datasheet

Human Myeloperoxidase (MPO) ELISA Kit (orb2668117)

Catalog Number	orb2668117
Category	Assays and Kits
Description	Human Myeloperoxidase (MPO) ELISA Kit
Reactivity	Human
UniProt ID	P05164
Application notes	<p>standard: 150 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 MPO. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human MPO. 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 MPO, 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 MPO in the samples is then determined by comparing the OD of the samples to the standard curve</p>
Assay Type	Sandwich
Assay Time	3.5h
Range	2.34-150 ng/mL
Sensitivity	0.65 ng/mL
Sample Types	Serum, plasma and other biological fluids.

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Note For research use only

Expiration Date 6 months from date of receipt.

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