Product Datasheet

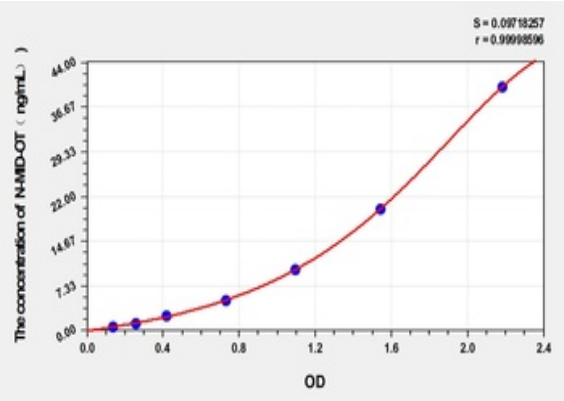
Human N-MIDOsteocalcin (N-MID-OT) ELISA Kit (orb1146745)

Catalog Number	orb1146745
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 N-MIDOsteocalcin(N-MID-OT). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to N-MIDOsteocalcin(N-MID-OT). 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 N-MIDOsteocalcin(N-MID-OT), 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 N-MIDOsteocalcin(N-MID-OT) in the samples is then determined by comparing the OD of the samples to the standard curve.
Reactivity	Human
Concentration	40 ng/mL
Application notes	standard: 40 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 N-MID-OT. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human N-MID-OT. 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 N-MID-OT, 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 Human N-MID-OT in the samples is then determined by comparing the OD of the samples to the standard curve

Biorbyt Ltd.
7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: +44 (0) 1223 859-353 | Fax: +1 (415) 651-8558

Biorbyt LLC.
68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558

Assay Type	Sandwich
Assay Time	3.5h
Range	0.63-40 ng/mL
Sensitivity	0.39 ng/mL
Sample Types	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Note	For research use only



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Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
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Biorbyt LLC.
68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558