

Product Datasheet

General Arginine (Arg) ELISA Kit (orb781762)

Catalog Number	orb781762
Category	Assays and Kits
Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Arginine(Arg) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Arginine(Arg).
Reactivity	All
Concentration	100 µg/mL
Tested applications	ELISA
Application notes	standard: 100 µg/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Arg protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Arg. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 Arg in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Competitive
Assay Time	2.5h
Range	1.57-100 µg/mL
Sensitivity	0.52 µg/mL
Sample Types	serum, plasma, tissue homogenates and other biological fluids
Note	For research use only

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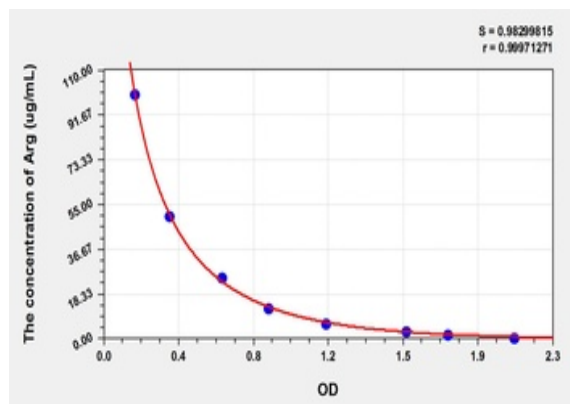
7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Expiration Date

Please enquire.



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](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

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68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)