

Product Datasheet

Human Vascular Endothelial Growth Factor 165 (VEGF165) EasyStep ELISA Kit (orb1950079)

Catalog Number	orb1950079
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 Human VEGF165, and the Human VEGF165 standard plate wells that pre-coated using protein-related techniques are provided separately. Standard/Sample Diluent Buffer or samples are added to the appropriate microtiter plate wells ,then added a HRP-conjugated antibody specific to Human VEGF165. After TMB substrate solution is added, only those wells that contain Human VEGF165 and HRP-conjugated antibody 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 VEGF165 in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
Reactivity	Human
Concentration	2000 pg/mL

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

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

Application notes

standard: 2000 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 Human VEGF165, and the Human VEGF165 standard plate wells that pre-coated using protein-related techniques are provided separately. Standard/Sample Diluent Buffer or samples are added to the appropriate microtiter plate wells ,then added a HRP-conjugated antibody specific to Human VEGF165. After TMB substrate solution is added, only those wells that contain Human VEGF165 and HRP-conjugated antibody 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 VEGF165 in the samples is then determined by comparing the OD of the samples to the standard curve

Assay Type Sandwich**Assay Time** 1.5h**Range** 31.25-2000 pg/mL**Sensitivity** 15 pg/mL**Sample Types** Serum, plasma**Note** For research use only**Biorbyt Ltd.**

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Cambridge
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