

Product Datasheet

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

Catalog Number orb1950079

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 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 \pm 10nm. The concentration of Human VEGF165 in the

samples is then determined by comparing the OD of the samples to the standard

curve.

Reactivity Human

Concentration 2000 pg/mL

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 $450 \text{nm} \pm 10 \text{nm}$. 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

Expiration Date Please enquire.

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