Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

ELISA Kit for Endocrine Gland Derived Vascular Endothelial Growth Factor (EG-VEGF)

Catalog No: tcue1502

Available Sizes

Size: 96T

Specifications

Research Area:
Cytokine;Tumor immunity;

Species Reactivity:
Rattus norvegicus (Rat)

Sample Type:
Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

Sensitivity:
The minimum detectable dose of this kit is typically less than 6.5pg/mL

Detection Range:
15.62-1000pg/mL

Assay Time:
3h

Detection Method:
Enzyme-linked immunosorbent assay for Antigen Detection.

Tested Application:
ELISA

SwissProt:
Q8R414

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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 Endocrine Gland Derived Vascular Endothelial Growth Factor (EG-VEGF). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Endocrine Gland Derived Vascular Endothelial Growth Factor (EG-VEGF). 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 Endocrine Gland Derived Vascular Endothelial Growth Factor (EG-VEGF), 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 Endocrine Gland Derived Vascular Endothelial Growth Factor (EG-VEGF) in the samples is then determined by comparing the O.D. of the samples to the standard curve.