

Human Von Willebrand Factor (vWF) ELISA Kit

Catlog Number: BDDK-HMM-0029

• Description

The assay is performed by sandwich enzyme immunoassay technique. Determination of human VWF (Von Willebrand Factor) in samples.

• Basic Information

Disease Type: Hemophiliac

Sample Type: Plasma

Detection Methods: Sandwich ELISA

Sensitivity: 0.94 ng/mL

Detection Range: 1.56-100 ng/mL

Accuracy: Intra- and inter-plate coefficients of variation are less than 10%.

• Detection Principle

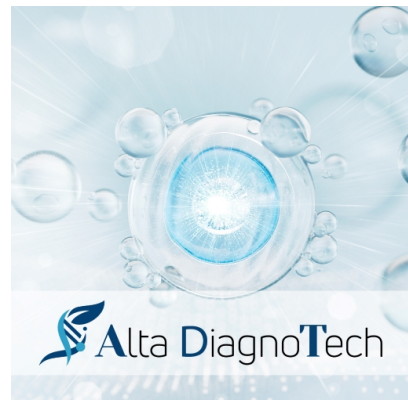
This kit adopts the enzyme-linked immunosorbent assay (ELISA) technique of double antibody sandwich method. Determination of human vascular hemophilic factor levels in samples. To the enzyme-labeled wells pre-coated with anti-Human Vascular Hemophilic Factor antibody, standards and samples are added, and after warming, biotin-labeled anti-Vascular Hemophilic Factor antibody is added. It then binds to HRP-labeled streptavidin to form an immune complex, which is then warmed and washed to remove unbound enzyme, and then the chromogenic substrate TMB is added to produce a blue color, which is converted to a final yellow color in the presence of acid. Finally, the absorbance (OD) value of the reaction well samples was measured at 450 nm, and the concentration of human vascular hemophilic factor in the samples was proportional to the OD value, and the concentration of human vascular hemophilic factor in the samples was calculated by plotting the standard curve.

• Applications

This kit is used for the determination of vascular hemophilic factor in human serum, plasma or other related biological fluids.

• Specification

48T, 96T



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• Features

Detects human vascular hemophilic factor in samples without significant cross-reactivity with its analogs.

• Storage & Transportation

2-8°C



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