

Human PDGF-CC ELISA Kit

Catlog Number: PAK-HMM-0018

• Description

Platelet-derived growth factor CC (PDGF-CC), plays an important role in regulating embryonic development, mesenchymal cell proliferation, migration and survival.

• Basic Information

Test Species: Human

Sample Type: Serum, plasma and cell culture supernatants and other biological fluids.

Detection Methods: Sandwich ELISA

Sensitivity: 30.2 pg/mL

Detection Range: 62.5-4000 pg/mL

Accuracy: The intraplate coefficient of variation is less than 10% and the interplate coefficient of variation is less than 10%.

• Detection Principle

The kit is based on enzyme-linked immunosorbent assay (ELISA) using double antibody sandwich method. To the microtiter wells pre-coated with human platelet-derived growth factor CC (PDGF-CC) capture antibody, the sample, standard, biotin-labeled detection antibody, and HRP enzyme conjugate are added sequentially, with warming and washing in between, and the color is developed with the substrate TMB, which is converted to blue color catalyzed by the peroxidase enzyme (HRP), and then converted to the final yellow color under the action of acid. The shade of color is positively correlated with human platelet-derived growth factor CC (PDGF-CC) in the sample. The absorbance (OD value) is measured at 450nm wavelength with an enzyme marker to calculate the concentration of the sample.

• Applications

This kit detects human PDGF-CC in samples without significant cross-reactivity with its analogs.

• Specification

48T, 96T, 5×96T



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• Storage & Transportation

2-8°C

Shelf Life: 6 months



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