

Mouse Mini Samples ELISA Kit for Platelet Derived Growth Factor BB

Catlog Number: PAK-HMM-0043

• Description

Platelet-derived growth factor BB (PDGF-BB) is a widely researched isoform in skeletal cells. PDGF-BB produced by activated platelets and macrophages is the only factor that has been shown to date to selectively and directly promote tonotropic transformation. Experimentally, treatment of VSMCs with PDGF-BB has been shown to be associated with rapid downregulation of multiple differentiation marker genes.

• Basic Information

Test Species: Mouse

Synonyms: PDGF-BB

Sample Type: Serum and plasma.

Detection Methods: Sandwich ELISA

Sensitivity: 0.076 ng/mL

Detection Range: 0.156-10 ng/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 adopts double antibody sandwich enzyme-linked immunosorbent assay (ELISA). To the microtiter wells pre-coated with mouse platelet-derived growth factor BB (PDGF-BB) capture antibody, the sample, standard, biotin-labeled detection antibody and HRP enzyme conjugate are added sequentially, followed by incubation and washing, and then the color is developed with the substrate TMB, which is catalyzed by HRP to turn into blue color, and then converted into yellow color under the effect of acid. There is a positive correlation between the color and the amount of mouse platelet-derived growth factor BB (PDGF-BB) in the sample. The absorbance (OD) is measured at 450 nm using an enzyme meter and the concentration of the sample is calculated.

• Applications

This kit detects PDGF-BB in mice in samples without significant cross-reactivity with its analogs.



Mouse Mini Samples ELISA Kit for Platelet Derived Growth Factor BB

Catlog Number: PAK-HMM-0043

• Specification

48T, 96T, 5×96T

• Storage & Transportation

2-8°C

Shelf Life: 6 months



Alta DiagnoTech is a global leader specializing in the distribution of clinical diagnostic products and the provision of specialized OEM (original equipment manufacturer) services. As a leader in the industry, we have earned the trust and admiration of clients around the globe for quality products and exceptional service.

Tel: 1-631-637-4453 | 1-646-401-0077
Email: info@altadiagnotech.com
500C Wheeler Rd, Hauppauge, NY 11788, USA