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90-2127: Human TIMP-4 (Metalloproteinase Inhibitor-4) Pre-Coated ELISA Kit

Application : ELISA

Description

This assay employs an antibody specific for Anti-human TIMP-4 coated on a 96-well plate. Standards and samples are pipetted into the wells and TIMP-4 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-human TIMP-4 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of TIMP-4 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

Kit Components

Item	Specifications	Storage
96 well Strip ELISA Plate	8 × 12 well	4°C
Lyophilized Standard	2 vials	-20°C
Sample and Standard Dilution Buffer	20 ml	4°C
Biotinylated Detection Antibody for h TIMP-4	120 µl	4°C (Protected from light)
Antibody Dilution Buffer	10 ml	4°C
HRP Conjugated Streptavidin	120 µl	4°C (Protected from light)
Streptavidin Dilution Buffer	10 ml	4°C
TMB Substrate	10 ml	4°C
Stop Solution	10 ml	4°C
25X Wash Buffer	30 ml	4°C
Plate Sealer	5 pieces	
Product Manual	1	

Product Info

Amount : 1 Ã— 96 Tests
Content : 1 Ã— 96 well Format (96 tests)
Storage condition : Please refer to the Manual

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Application Note

This immunoassay kit allows for the in vitro quantitative determination of Human TIMP-4 concentrations in serum, plasma and other biological fluids.

Detection Range: 78 – 5000 pg/ml

Sensitivity: < 46.875 pg/ml

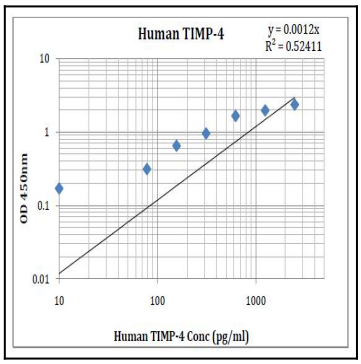


Fig-1: Human TIMP-4 Standard Curve.

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