

PLG

Human Angiostatin ELISA Kit

Catalog No.	CKH119	Quantity:	1 x 96 tests
Description:	The Human Angiostatin ELISA is an <i>in vitro</i> enzyme-linked immunosorbent assay for the quantitative measurement of Human Angiostatin in serum, plasma, cell culture supernatants and urine. This assay employs an antibody specific for Human Angiostatin coated on a 96-well plate. Standards and samples are pipetted into the wells and Angiostatin present in a sample is bound to the wells by the immobilized antibody. The wells are washed and Biotinylated Anti-Human Angiostatin antibody is added. After washing away unbound Biotinylated antibody, HRP-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 Angiostatin bound.		
UniProt ID:	P00747		
Genr ID:	5340		
Detection Range:	20 ng/ml - 2000 ng/ml		
Sensitivity:	The minimum detectable dose of Angiostatin is typically less than 20 ng/mL.		
Reproducibility:	Intra-Assay: CV<10%; Inter-Assay: CV<12%		
Samples:	Serum, plasma, cell culture supernatants		
Recovery:	Serum mean recovery of 94% (range 83-106%) Plasma mean recovery of 94% (range 82-102%) Cell culture media mean recovery of 97% (range 84-103%)		
Specificity:	This ELISA kit shows no cross-reactivity with any of the cytokines tested: human Angiopoietin-1, B7-1, BMP-7, CD14, CD30, CD40, CD40 Ligand, CTLA-4, CXCL16, Dkk-4, DR6, Endostatin, E-Selectin, Follistatin, HB-EGF, HVEM, ICAM-2, IGF-II, IL-10 Ra, IL-10 Rb, IL-18, IL-9, IL-2 Ra, IL-2 Rb, IL-5 Ra, LAP, L-Selectin, M-CSF R, MMP-2, 3, 7, 8, 9, 10 and 12, PDGF-AB, SDF-1b, Tie-1, Tie-2, TIMP-3.		
Reagents Included:	1. Microplate 96-wells coated with Capture Antibody 2. Wash Buffer Concentrate (20x) 3. Standards 4. Assay Diluent A: Standard/Sample-Serum/Plasma 5. Assay Diluent B: Standard/Sample-Cell Culture Medium/Urine 6. Biotinylated Detection Antibody 7. HRP-Streptavidin Concentrate 8. TMB One-Step Substrate Reagent 9. Stop Solution		
Storage & Stability:	May be stored for up to 6 months at 2-8°C from the date of shipment, or at -20°C to -80°C for 1 year. Opened Microplate Wells and reagents may be store for up to 1 month at 2-8°C.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.