

Human Angiogenesis PCR Array

Angiogenic Factors:

Growth Factors and Receptors: ANG, ANGPT1, ANGPT2, ANPEP, TYMP, FGF1, FGF2 (bFGF), FIGF (VEGFD), FLT1, JAG1, KDR, NRP1, NRP2, PGF, VEGFA, VEGFB, VEGFC.

Adhesion Molecules: BAI1, COL4A3, IL8, NRP1, NRP2.

Proteases, inhibitors and Other Matrix Proteins: ANGPTL4, F3, PECAM1, PF4, PROK2, SERPINE1 (PAI-1), SERPINF1.

Other Genes: HIF1A, NOS3, SPHK1.

Other Factors Involved in Angiogenesis:

Cytokines: CCL11 (Eotaxin), CCL2 (MCP-1), CXCL1, CXCL10 (INP10), CXCL5 (ENA78/LIX), CXCL6 (GCP-2), CXCL9 (MIG), EDN1, IFNA1, IFNG, IL1B, IL6, MDK, TNF.

Growth Factors and Receptors: CTGF, EFNA1, EFNB2, EGF, EPHB4, FGFR3, HGF, IGF1, ITGB3, PDGFA, S1PR1, TEK (TIE2), TGFA, TGFB1, TGFB2, TGFB1.

Adhesion Molecules: CCL11 (Eotaxin), CCL2 (MCP-1), CDH5, COL18A1, CTGF, ENG (EVI-1), ERBB2 (HER2), FN1, ITGAV, ITGB3, S1PR1, THBS1, THBS2.

Proteases, Inhibitors and Other Matrix Proteins: LECT1, LEP, MMP14, MMP2, MMP9, PLA1 (uPA), PLG, TIMP1, TIMP2, TIMP3.

Other Genes: AKT1, HPSE, ID1, NOTCH4, PTGS1, TIE1.