



Human Angiogenesis Primer Library

Catalog No: HAPL-1
Supplier: RealTimePrimers
Lot No: XXXXX
Supplied as: solid
Stability: store at -20°C

Description

Contains 88 primer sets directed against angiogenesis genes and 8 housekeeping gene primer sets. Provided in a 96-well microplate (20 ul - 10 uM). Perform up to 100 PCR arrays (based on 20 ul assay volume per reaction). Just add cDNA template and SYBR green master mix.

Gene List:

- ADAMTS1 ADAM metallopeptidase
- AKT1 V-akt murine thymoma viral oncogene homolog 1
- ANGPT1 Angiopoietin 1
- ANGPT2 Angiopoietin 2
- ANGPTL3 Angiopoietin-like 3
- ANGPTL4 Angiopoietin-like 4
- ANPEP Alanyl (membrane) aminopeptidase
- BAI1 Brain-specific angiogenesis inhibitor 1
- CCL11 Chemokine (C-C motif) ligand 11
- CCL2 Chemokine (C-C motif) ligand 2
- CDH5 Cadherin 5, type 2, VE-cadherin
- COL18A1 Collagen, type XVIII, alpha 1
- COL4A2 Collagen, type IV, alpha 2
- CXCL1 Chemokine (C-X-C motif) ligand 1
- CXCL11 Chemokine (C-X-C motif) ligand 11
- CXCL2 Chemokine (C-X-C motif) ligand 2
- CXCL5 Chemokine (C-X-C motif) ligand 5
- CXCL6 Chemokine (C-X-C motif) ligand 6
- CXCL9 Chemokine (C-X-C motif) ligand 9
- ECGF1 Endothelial cell growth factor 1
- EDG1 Endothelial differentiation, sphingolipid G- protein-coupled receptor, 1
- EFNA1 Ephrin-A1
- EFNA3 Ephrin-A3
- EFNA5 Ephrin-A5
- EFN2 Ephrin-B2
- EGF Epidermal growth factor
- ENG Endoglin (Osler-Rendu-Weber syndrome 1)
- EPHB4 EPH receptor B4
- EREG Epregrulin
- FGF1 Fibroblast growth factor 1 (acidic)
- FGF2 Fibroblast growth factor 2 (basic)
- FGFR3 Fibroblast growth factor receptor 3
- FIGF C-fos induced growth factor
- FLT1 Fms-related tyrosine kinase 1
- HAND1 Heart and neural crest derivatives expressed 1
- HGF Hepatocyte growth factor
- HIF1A Hypoxia-inducible factor 1, alpha subunit
- HPSE Heparanase
- ID1 Inhibitor of DNA binding 1
- ID3 Inhibitor of DNA binding 3
- IFNA1 Interferon, alpha 1
- IFNB1 Interferon, beta 1, fibroblast
- IFNG Interferon, gamma
- IGF1 Insulin-like growth factor 1 (somatomedin C)
- IL1B Interleukin 1, beta
- IL6 Interleukin 6 (interferon, beta 2)
- IL8 Interleukin 8
- ITGAV Integrin, alpha V
- ITGB3 Integrin, beta 3
- JAG1 Jagged 1 (Alagille syndrome)
- KDR Kinase insert domain receptor
- LAMA5 Laminin, alpha 5
- LECT1 Leukocyte cell derived chemotaxin 1
- LEP Leptin (obesity homolog, mouse)
- LTA Lymphotoxin A
- MDK Midkine (neurite growth-promoting factor 2)
- MMP2 Matrix metallopeptidase
- MMP9 Matrix metallopeptidase 9
- NOTCH1 Notch homolog 1
- NRP1 Neuropilin 1
- NRP2 Neuropilin 2
- PDGFA Platelet-derived growth factor alpha polypeptide
- PECAM1 Platelet/endothelial cell adhesion molecule
- PF4 Platelet factor 4 (chemokine (C-X-C motif) ligand 4)
- PGF Placental growth factor
- PLAU Plasminogen activator, urokinase
- PLG Plasminogen
- PLXDC1 Plexin domain containing 1
- PROK2 Prokineticin 2
- PTGS1 Prostaglandin-endoperoxide synthase 1



- SERPINF1 Serpin peptidase inhibitor, clade F
- SPHK1 Sphingosine kinase 1
- STAB1 Stabilin 1
- TEK TEK tyrosine kinase, endothelial
- TGFA Transforming growth factor, alpha
- TGFB1 Transforming growth factor, beta 1
- TGFB2 Transforming growth factor, beta 2
- TGFBR1 Transforming growth factor, beta receptor I
- THBS1 Thrombospondin 1
- THBS2 Thrombospondin 2
- TIMP1 TIMP metalloproteinase inhibitor 1
- TIMP2 TIMP metalloproteinase inhibitor 2
- TIMP3 TIMP metalloproteinase inhibitor 3
- TNF Tumor necrosis factor (TNF superfamily, member 2)

- TNFAIP2 Tumor necrosis factor, alpha-induced protein 2
- VEGFA Vascular endothelial growth factor A
- VEGFB Vascular endothelial growth factor B
- VEGFC Vascular endothelial growth factor C
- ACTB Actin, beta
- B2M Beta-2-microglobulin
- GAPD Glyceraldehyde-3-phosphate dehydrogenase
- GUSB Glucuronidase, beta
- HPRT1 Hypoxanthine phosphoribosyltransferase 1
- PGK Phosphoglycerate kinase 1
- PPIA Peptidylprolyl isomerase A
- RPL13A Ribosomal protein L13a

Usage

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