



Mouse Angiogenesis Primer Library

Catalog No: MAPL-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 genes. 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 with thrombospondin type 1 motif, 1
- 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
- Cxcl9 Chemokine (C-X-C motif) ligand 9
- Cxcl10 Chemokine (C-X-C motif) ligand 10
- Tymp Thymidine phosphorylase
- S1pr1 Sphingosine-1-phosphate receptor 1
- Efna1 Ephrin-A1
- Efna3 Ephrin-A3
- Efna5 Ephrin-A5
- Efnb2 Ephrin-B2
- Egf Epidermal growth factor (beta-urogastrone)
- 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
- Figf C-fos induced growth factor
- Flt1 Fms-related tyrosine kinase 1
- Hand1 Heart and neural crest derivatives expressed 2
- 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)
- Il10 Interleukin 10
- 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 2
- Mmp9 Matrix metallopeptidase 9
- Notch1 Notch homolog 4 (Drosophila)
- 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, vascular endothelial growth factor-related protein
- Plau Plasminogen activator, urokinase
- Plg Plasminogen
- Plxdc1 Plexin domain containing 1
- Prok2 Prokineticin 2



- Ptgs1 Prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase)
- Serpinf1 Serpin peptidase inhibitor, clade F
- Sphk1 Sphingosine kinase 1
- Tek TEK tyrosine kinase, endothelial (venous malformations, multiple cutaneous and mucosal)
- Tgfa Transforming growth factor, alpha
- Tgfb1 Transforming growth factor, beta 1
- Tgfb2 Transforming growth factor, beta 2
- Tgfb3 Transforming growth factor, beta 2
- Tgfr1 Transforming growth factor, beta receptor I (activin A receptor type II-like kinase, 53kDa)
- Thbs1 Thrombospondin 1
- Thbs2 Thrombospondin 2
- Timp1 TIMP metalloproteinase inhibitor 1
- Timp2 TIMP metalloproteinase inhibitor 2
- Timp3 TIMP metalloproteinase inhibitor 3 (Sorsby fundus dystrophy, pseudoinflammatory)
- 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
- Gapdh Glyceraldehyde-3-phosphate dehydrogenase
- GUSB Glucuronidase, beta
- Hprt1 Hypoxanthine phosphoribosyltransferase 1
- Pfkfb3 Phosphofruktokinase 3
- Pgk Phosphoglycerate kinase 1
- Ppia Peptidylprolyl isomerase A
- Rpl13a Ribosomal protein L13a

Usage

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