



Human Fibrosis Primer Library

Catalog No: HFIB-1
Supplier: RealTimePrimers
Lot No: XXXXX
Supplied as: solid
Stability: stable at room temperature

Description

Contains 88 primer sets directed against fibrosis associated 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:

- ACTA2 Actin, alpha 2, smooth muscle, aorta
- AGT Angiotensinogen (serpin peptidase inhibitor, clade A, member 8)
- AKT1 V-akt murine thymoma viral oncogene homolog 1
- BCL2 B-cell CLL/lymphoma 2
- BMP7 Bone morphogenetic protein 7
- CAV1 Caveolin 1, caveolae protein, 22kDa
- CCL11 Chemokine (C-C motif) ligand 11
- CCL2 Chemokine (C-C motif) ligand 2
- CCL3 Chemokine (C-C motif) ligand 3
- CCR2 Chemokine (C-C motif) receptor 2
- CEBPB CCAAT/enhancer binding protein (C/EBP), beta
- COL1A2 Collagen, type I, alpha 2
- COL3A1 Collagen, type III, alpha 1
- CTGF Connective tissue growth factor
- CXCR4 Chemokine (C-X-C motif) receptor 4
- DCN Decorin
- EDN1 Endothelin 1
- EGF Epidermal growth factor
- EGFR Epidermal growth factor receptor
- ENG Endoglin
- FASLG Fas ligand (TNF superfamily, member 6)
- HGF Hepatocyte growth factor (hepapoietin A; scatter factor)
- IFNG Interferon, gamma
- IL10 Interleukin 10
- IL13 Interleukin 13
- IL13RA2 Interleukin 13 receptor, alpha 2
- IL1A Interleukin 1, alpha
- IL1B Interleukin 1, beta
- IL4 Interleukin 4
- IL5 Interleukin 5
- IL6 Interleukin 6
- ILK Integrin-linked kinase
- INHBE inhibin, beta E
- ITGA1 Integrin, alpha 1
- ITGA2 Integrin, alpha 2 (CD49B, alpha 2 subunit of VLA-2 receptor)
- ITGA3 Integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 receptor)
- ITGAV Integrin, alpha V (vitronectin receptor, alpha polypeptide, antigen CD51)
- ITGB1 Integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12)
- ITGB3 Integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)
- ITGB5 Integrin, beta 5
- ITGB6 Integrin, beta 6
- ITGB8 Integrin, beta 8
- JUN Jun proto-oncogene
- LOX Lysyl oxidase
- LTBP1 Latent transforming growth factor beta binding protein 1
- MMP1 Matrix metalloproteinase 1
- MMP2 Matrix metalloproteinase 2
- MMP3 Matrix metalloproteinase 3
- MMP7 Matrix metalloproteinase 7
- MMP8 Matrix metalloproteinase 8
- MMP9 Matrix metalloproteinase 9
- MMP14 Matrix metalloproteinase 14
- MYC V-myc myelocytomatosis viral oncogene homolog (avian)
- NFKB1 Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1
- PDGFA Platelet-derived growth factor alpha polypeptide
- PDGFB Platelet-derived growth factor beta polypeptide
- PLAT Plasminogen activator, tissue
- PLAU Plasminogen activator, urokinase
- PLAUR Plasminogen activator, urokinase receptor
- PLG Plasminogen

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- SERPINA1, Serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1
- SERPINE1, Serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1
- SERPINH1, Serpin peptidase inhibitor, clade H (heat shock protein 47), member 1, (collagen binding protein 1)
- SMAD2 SMAD family member 2
- SMAD3 SMAD family member 3
- SMAD4 SMAD family member 4
- SMAD6 SMAD family member 6
- SMAD7 SMAD family member 7
- SNAI1 Snail homolog 1 (Drosophila)
- SP1 Sp1 transcription factor
- STAT1 Signal transducer and activator of transcription 1, 91kDa
- STAT6 Signal transducer and activator of transcription 6, interleukin-4 induced
- TGFB1 Transforming growth factor, beta 1
- TGFB2 Transforming growth factor, beta 2
- TGFB3 Transforming growth factor, beta 3
- TGFB1 Transforming growth factor, beta receptor 1
- TGFB2 Transforming growth factor, beta receptor 2
- TGFB3 Transforming growth factor, beta receptor 3
- TGIF1 TGFB-induced factor homeobox 1
- THBS1 Thrombospondin 1
- THBS2 Thrombospondin 2
- THBS3 Thrombospondin 3
- TIMP1 TIMP metalloproteinase inhibitor 1
- TIMP2 TIMP metalloproteinase inhibitor 2
- TIMP3 TIMP metalloproteinase inhibitor 3
- TIMP4 TIMP metalloproteinase inhibitor 4
- TNF Tumor necrosis factor
- VEGFA Vascular endothelial growth factor A
- ACTB Actin, beta
- B2M Beta-2-microglobulin
- GAPDH Glyceraldehyde-3-phosphate dehydrogenase
- GUSB
- HPRT1 Hypoxanthine phosphoribosyltransferase 1
- PGK1
- PPIA
- RPL13A Ribosomal protein L13a

Usage

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