



Human Atherosclerosis Primer Library

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

Description

Contains 88 primer sets directed against apoptosis 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:

- ABCA1 ATP-binding cassette, sub-family A (ABC1), member 1
- ACE Angiotensin I converting enzyme (peptidyl-dipeptidase A) 1
- ADFP Adipose differentiation-related protein
- APOA1 Apolipoprotein A-I
- APOB Apolipoprotein B (including Ag(x) antigen)
- APOC2 Apolipoprotein C-II
- APOE Apolipoprotein E
- BAX BCL2-associated X protein
- BCL2 B-cell CLL/lymphoma 2
- BCL2A1 BCL2-related protein A1
- BCL2L1 BCL2-like 1
- BID BH3 interacting domain death agonist
- BIRC3 Baculoviral IAP repeat-containing 3
- CCL2 Chemokine (C-C motif) ligand 2
- CCL5 Chemokine (C-C motif) ligand 5
- CCR1 Chemokine (C-C motif) receptor 1
- CCR2 Chemokine (C-C motif) receptor 2
- CD44 CD44 molecule (Indian blood group)
- CDH5 Cadherin 5, type 2, VE-cadherin (vascular epithelium)
- CETP Cholesteryl ester transfer protein, plasma
- CFLAR CASP8 and FADD-like apoptosis regulator
- COL3A1 Collagen, type III, alpha 1
- CSF1 Colony stimulating factor 1 (macrophage)
- CSF2 Colony stimulating factor 2 (granulocyte-macrophage)
- CTGF Connective tissue growth factor
- CX3CR1 Chemokine (C-X3-C motif) receptor 1
- EGR1 Early growth response 1
- ELN Elastin
- ENG Endoglin (Osler-Rendu-Weber syndrome 1)
- FABP3 Fatty acid binding protein 3, muscle and heart
- FAS Fas (TNF receptor superfamily, member 6)
- FGA Fibrinogen alpha chain
- FGF2 Fibroblast growth factor 2 (basic)
- FN1 Fibronectin 1
- HBEGF Heparin-binding EGF-like growth factor
- ICAM1 Intercellular adhesion molecule 1
- IFNAR2 Interferon (alpha, beta and omega) receptor 2
- IFNG Interferon, gamma
- IL1A Interleukin 1, alpha
- IL1R1 Interleukin 1 receptor, type I
- IL1R2 Interleukin 1 receptor, type II
- IL2 Interleukin 2
- IL3 Interleukin 3 (colony-stimulating factor, multiple)
- IL4 Interleukin 4
- IL5 Interleukin 5 (colony-stimulating factor, eosinophil)
- ITGA2 Integrin, alpha 2 (CD49B, alpha 2 subunit of VLA-2 receptor)
- ITGA5 Integrin, alpha 5 (fibronectin receptor, alpha polypeptide)
- ITGAX Integrin, alpha X (complement component 3 receptor 4 subunit)
- ITGB2 Integrin, beta 2
- KDR Kinase insert domain receptor
- KLF2 Kruppel-like factor 2 (lung)
- LAMA1 Laminin, alpha 1
- LDLR Low density lipoprotein receptor (familial hypercholesterolemia)
- LIF Leukemia inhibitory factor (cholinergic differentiation factor)
- LPA Lipoprotein, Lp(a)
- LPL Lipoprotein lipase
- MMP1 Matrix metalloproteinase 1 (interstitial collagenase)
- MMP3 Matrix metalloproteinase 3 (stromelysin 1, progelatinase)
- MMP9 Matrix metalloproteinase 9
- MSR1 Macrophage scavenger receptor 1
- NFKB1 Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 (p105)



- NOS3 Nitric oxide synthase 3 (endothelial cell)
- NPY Neuropeptide Y
- NR1H3 Nuclear receptor subfamily 1, group H, member 3
- PDGFA Platelet-derived growth factor alpha polypeptide
- PDGFB Platelet-derived growth factor beta polypeptide
- PDGFRB Platelet-derived growth factor receptor, beta polypeptide
- PPARA Peroxisome proliferative activated receptor, alpha
- PPARD Peroxisome proliferator-activated receptor delta
- PPARG Peroxisome proliferator-activated receptor gamma
- PTGS1 Prostaglandin-endoperoxide synthase 1
- RXRA Retinoid X receptor, alpha
- SELE Selectin E (endothelial adhesion molecule 1)
- SELL Selectin L (lymphocyte adhesion molecule 1)
- SELPLG Selectin P ligand
- SERPINB2 Serpin peptidase inhibitor, clade B (ovalbumin), member 2
- SERPINE1 Serpin peptidase inhibitor, clade E, member 1
- SOD1 Superoxide dismutase 1, soluble
- SPP1 Secreted phosphoprotein 1
- TGFB1 Transforming growth factor, beta 1
- TGFB2 Transforming growth factor, beta 2
- THBS4 Thrombospondin 4
- TNC Tenascin C (hexabrachion)
- TNF Tumor necrosis factor (TNF superfamily, member 2)
- TNFAIP3 Tumor necrosis factor, alpha-induced protein 3
- VCAM1 Vascular cell adhesion molecule 1
- VEGFA Vascular endothelial growth factor A
- VWF Von Willebrand factor
- ACTB Actin, beta
- B2M Beta-2-microglobulin
- GAPD Glyceraldehyde phosphate dehydrogenase
- GUSB Glucuronidase, beta
- HPRT1 Hypoxanthine phosphoribosyltransferase 1
- PGK1 Phosphoglycerate kinase 1
- PPIA Peptidylprolyl isomerase A
- RPL13A Ribosomal protein L13a

Usage

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.