



Human Adaptive & Innate Immune Response Primer Library

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

Description

Contains 88 primer sets directed against adaptive and immune response 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:

- ADORA2A Adenosine A2a receptor
- C5 Complement component 5
- C8A Complement component 8, alpha polypeptide
- CAMP Cathelicidin antimicrobial peptide
- CASP1 Caspase 1, apoptosis-related cysteine peptidase (interleukin 1, beta, convertase)
- CASP4 Caspase 4, apoptosis-related cysteine peptidase
- CCL2 Chemokine (C-C motif) ligand 2
- CCR3 Chemokine (C-C motif) receptor 3
- CD14 CD14 molecule
- CD1D CD1d molecule
- CD55 CD55 molecule, decay accelerating factor for complement (Cromer blood group)
- CHUK Conserved helix-loop-helix ubiquitous kinase
- COLEC12 Collectin sub-family member 12
- CRP C-reactive protein, pentraxin-related
- CXCR4 Chemokine (C-X-C motif) receptor 4
- CYBB Cytochrome b-245, beta polypeptide
- DEFB4 Defensin, beta 4
- DMBT1 Deleted in malignant brain tumors 1
- FN1 Fibronectin 1
- HMOX1 Heme oxygenase (decycling) 1
- IFNA1 Interferon, alpha 1
- IFNB1 Interferon, beta 1, fibroblast
- IFNG Interferon Gamma
- IFNGR1 Interferon gamma receptor 1
- IFNGR2 Interferon gamma receptor 2 (interferon gamma transducer 1)
- IKBKB Inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta
- IL10 Interleukin 10
- IL12RB2 Interleukin 12 receptor, beta 2
- IL1A Interleukin 1, alpha
- IL1B Interleukin 1, beta
- IL1F10 Interleukin 1 family, member 10 (theta)
- IL1R1 Interleukin 1 receptor, type I
- IL1R2 Interleukin 1 receptor, type II
- IL1RAP Interleukin 1 receptor accessory protein
- IL1RAPL2 Interleukin 1 receptor accessory protein-like 2
- IL1RL2 Interleukin 1 receptor-like 2
- IL1RN Interleukin 1 receptor antagonist
- IL2 Interleukin 2
- IL36RN Interleukin 36 receptor antagonist
- IL36A Interleukin 36, alpha
- IL37 Interleukin 37
- IL36B Interleukin 36, beta
- IL36G Interleukin 36, gamma
- IL4 Interleukin 4
- IL6 Interleukin 6 (interferon, beta 2)
- IL8 Interleukin 8
- IRAK1 Interleukin-1 receptor-associated kinase 1
- IRAK2 Interleukin-1 receptor-associated kinase 2
- IRF1 Interferon regulatory factor 1
- LALBA Lactalbumin, alpha-
- LBP Lipopolysaccharide binding protein
- LTF Lactotransferrin
- LY96 Lymphocyte antigen 96
- LYZ Lysozyme
- MAPK14 Mitogen-activated protein kinase 14
- MAPK8 Mitogen-activated protein kinase 8
- MIF Macrophage migration inhibitory factor (glycosylation-inhibiting factor)
- MYD88 Myeloid differentiation primary response gene (88)
- NCF4 Neutrophil cytosolic factor 4, 40kDa
- NFKB1 Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1
- NFKB2 Nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (p49/p100)
- NFKBIA Nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha
- NLRC4 NLR family, CARD domain containing 4
- NOS2 Nitric oxide synthase 2, inducible



- PGLYRP1 Peptidoglycan recognition protein 1
- PGLYRP2 Peptidoglycan recognition protein 2
- PGLYRP3 Peptidoglycan recognition protein 3
- PPBP Pro-platelet basic protein (chemokine (C-X-C motif) ligand 7)
- PROC Protein C (inactivator of coagulation factors Va and VIIIa)
- PTAFR Platelet-activating factor receptor
- S100A12 S100 calcium binding protein A12
- 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
- SFTPD Surfactant protein D
- TGFB1 Transforming growth factor, beta 1
- TLR1 Toll-like receptor 1
- TLR10 Toll-like receptor 10
- TLR2 Toll-like receptor 2
- TLR3 Toll-like receptor 3
- TLR4 Toll-like receptor 4
- TLR6 Toll-like receptor 6
- TLR8 Toll-like receptor 8
- TLR9 Toll-like receptor 9
- TNF Tumor necrosis factor
- TNFRSF1A Tumor necrosis factor receptor superfamily, member 1A
- TOLLIP Toll interacting protein
- TRAF6 TNF receptor-associated factor 6
- TREM1 Triggering receptor expressed on myeloid cells 1
- ACTB Actin, beta
- B2M Beta-2-microglobulin
- GAPDH Glyceraldehyde-3-phosphate dehydrogenase
- GUSB Glucuronidase, beta
- HPRT1 Hypoxanthine phosphoribosyltransferase 1
- Pgk1 Phosphoglycerate kinase 1
- PPIA Peptidylprolyl isomerase A
- RPL13A Ribosomal protein L13a

Usage

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