



Human Toll-like Receptor Signaling Primer Library

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

Description

Contains 88 primer sets directed against TLR and TLR signaling 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:

- AKT1 V-akt murine thymoma viral oncogene homolog 1
- AKT2 V-akt murine thymoma viral oncogene homolog 2
- AKT3 V-akt murine thymoma viral oncogene homolog 3
- CASP8 Caspase 8, apoptosis-related cysteine peptidase
- CCL3 Chemokine (C-C motif) ligand 3
- CCL4 Chemokine (C-C motif) ligand 4
- CCL5 Chemokine (C-C motif) ligand 5
- CD14 CD14 molecule
- CD40 CD40 molecule, TNF receptor superfamily member 5
- CD80 CD80 molecule
- CD86 CD86 molecule
- CHUK Conserved helix-loop-helix ubiquitous kinase
- CXCL10 Chemokine (C-X-C motif) ligand 10
- CXCL11 Chemokine (C-X-C motif) ligand 11
- CXCL9 Chemokine (C-X-C motif) ligand 9
- FADD Fas (TNFRSF6)-associated via death domain
- FOS V-fos FBJ murine osteosarcoma viral oncogene homolog
- IFNA1 Interferon, alpha 1
- IFNAR1 Interferon (alpha, beta and omega) receptor 1
- IFNAR2 Interferon (alpha, beta and omega) receptor 2
- IFNB1 Interferon, beta 1, fibroblast
- IKBKB Inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta
- IKBKE Inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase epsilon
- IKBKG Inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma
- IL12A Interleukin 12A
- IL12B Interleukin 12B
- IL1B Interleukin 1, beta
- IL6 Interleukin 6 (interferon, beta 2)
- IL8 Interleukin 8
- IRAK1 Interleukin-1 receptor-associated kinase 1
- IRAK4 Interleukin-1 receptor-associated kinase 4
- IRF3 Interferon regulatory factor 3
- IRF5 Interferon regulatory factor 5
- IRF7 Interferon regulatory factor 7
- JUN Jun oncogene
- LBP Lipopolysaccharide binding protein
- LY96 Lymphocyte antigen 96
- MAP2K1 Mitogen-activated protein kinase kinase 1
- MAP2K2 Mitogen-activated protein kinase kinase 2
- MAP2K3 Mitogen-activated protein kinase kinase 3
- MAP2K4 Mitogen-activated protein kinase kinase 4
- MAP2K6 Mitogen-activated protein kinase kinase 6
- MAP2K7 Mitogen-activated protein kinase kinase 7
- MAP3K7 Mitogen-activated protein kinase kinase kinase 7
- MAP3K8 Mitogen-activated protein kinase kinase kinase 8
- MAPK1 Mitogen-activated protein kinase 1
- MAPK11 Mitogen-activated protein kinase 11
- MAPK12 Mitogen-activated protein kinase 12
- MAPK13 Mitogen-activated protein kinase 13
- MAPK14 Mitogen-activated protein kinase 14
- MAPK3 Mitogen-activated protein kinase 3
- MYD88 Myeloid differentiation primary response gene (88)
- 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
- PIK3CA Phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit alpha
- PIK3CB Phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit beta
- PIK3CD Phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit delta
- PIK3CG Phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit gamma
- PIK3R1 Phosphoinositide-3-kinase, regulatory subunit 1 (alpha)
- PIK3R2 Phosphoinositide-3-kinase, regulatory subunit 2 (beta)
- PIK3R3 Phosphoinositide-3-kinase, regulatory subunit 3 (gamma)
- PIK3R5 Phosphoinositide-3-kinase, regulatory subunit 5
- RAC1 RAS-related C3 botulinum substrate 1
- RELA V-rel reticuloendotheliosis viral oncogene homolog A (avian)
- RIPK1 Receptor-interacting serine-threonine kinase 1
- SPP1 Secreted phosphoprotein 1
- STAT1 Signal transducer and activator of transcription 1
- TAB1 TGF-beta activated kinase 1/MAP3K7 binding protein 1
- TAB2 TGF-beta activated kinase 1/MAP3K7 binding protein 2
- TBK1 TANK-binding kinase 1
- TICAM1 Toll-like receptor adaptor molecule 1
- TICAM2 Toll-like receptor adaptor molecule 2
- TIRAP Toll-interleukin 1 receptor (TIR) domain containing adaptor protein
- 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
- TLR5 Toll-like receptor 5
- TLR6 Toll-like receptor 6
- TLR7 Toll-like receptor 7
- TLR8 Toll-like receptor 8
- TLR9 Toll-like receptor 9
- TNF Tumor necrosis factor (TNF superfamily, member 2)
- TOLLIP Toll interacting protein
- TRAF3 TNF receptor-associated factor 3
- TRAF6 TNF receptor-associated factor 6
- 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

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.