



Human Ovarian Cancer Primer Library

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

Description

Contains 88 primer sets directed against ovarian cancer associated 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:

- ATM ataxia telangiectasia mutated
- ATR ataxia telangiectasia and Rad3 related
- BAX BCL2-associated X protein
- BRCA1 breast cancer 1, early onset
- BRCA2 breast cancer 2, early onset
- CACNG1 calcium channel, voltage-dependent, gamma subunit 1
- CAMP cathelicidin antimicrobial peptide
- CCL21 chemokine (C-C motif) ligand 21
- CD24 CD24 molecule
- CDC25A cell division cycle 25 homolog A (S. pombe)
- CDC25B cell division cycle 25 homolog B (S. pombe)
- CDH1 cadherin 1, type 1, E-cadherin (epithelial)
- CHEK1 checkpoint kinase 1
- CHEK2 checkpoint kinase 2
- CIRBP cold inducible RNA binding protein
- CTGF connective tissue growth factor
- CTSZ cathepsin Z
- DMN desmuslin
- DOC1 down-regulated in ovarian cancer
- EFNB2 ephrin-B2
- EFNB3 ephrin-B3
- FANCD2 Fanconi anemia, complementation group D2
- GATM glycine amidinotransferase (L-arginine:glycine amidinotransferase)
- GSTM5 glutathione S-transferase mu 5
- H6PD hexose-6-phosphate dehydrogenase (glucose 1- dehydrogenase)
- HBEGF heparin-binding EGF-like growth factor
- ICAM2 intercellular adhesion molecule 2
- IGF1 insulin-like growth factor 1 (somatomedin C)
- IGF1R insulin-like growth factor 1 receptor
- IGFBP5 insulin-like growth factor binding protein 5
- 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
- INVS inversin
- ITGB6 integrin, beta 6
- KLK10 kallikrein-related peptidase 10
- KLK14 kallikrein-related peptidase 14
- KLK3 kallikrein-related peptidase 3
- KLK5 kallikrein-related peptidase 5
- KLK6 kallikrein-related peptidase 6
- KRT31 keratin 31
- LBX1 ladybird homeobox 1
- MAP3K10 mitogen-activated protein kinase kinase kinase 10
- MKNK1 MAP kinase interacting serine/threonine kinase 1
- MPZL2 myelin protein zero-like 2
- MRE11 meiotic recombination 11 homolog A
- MUC16 mucin 16, cell surface associated
- NBN nibrin
- NEBL nebullette
- 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)
- PAGE1 P antigen family, member 1 (prostate associated)
- PAH phenylalanine hydroxylase
- PAX8 paired box 8
- PEG3 paternally expressed 3
- PLD2 phospholipase D2
- PRAME Preferentially expressed antigen in melanoma
- PTGS1 prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase)



- PTGS2 prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)
- RAD50 RAD50 homolog (*S. cerevisiae*)
- RAD51 RAD51 homolog (*S. cerevisiae*)
- RAD52 RAD52 homolog (*S. cerevisiae*)
- RASSF1 Ras association (RalGDS/AF-6) domain family member 1
- RB1 retinoblastoma 1
- RBP3 retinol binding protein 3, interstitial
- REL v-rel reticuloendotheliosis viral oncogene homolog (avian)
- RELA v-rel reticuloendotheliosis viral oncogene homolog A (avian)
- RELB v-rel reticuloendotheliosis viral oncogene homolog B
- SERPING1 serpin peptidase inhibitor, clade G (C1 inhibitor), member 1
- SLC12A4 solute carrier family 12 (potassium/chloride transporters), member 4
- SLPI secretory leukocyte peptidase inhibitor
- SMAD4 SMAD family member 4
- SPARC secreted protein, acidic, cysteine-rich (osteonectin)
- SPARCL1 SPARC-like 1 (hevin)
- SPINT2 serine peptidase inhibitor, Kunitz type, 2
- SPP1 secreted phosphoprotein 1
- STK4 serine/threonine kinase 4
- TGF β 1 transforming growth factor, beta 1
- TGF β 2 transforming growth factor, beta 2
- TGF β 3 transforming growth factor, beta 3
- TGFBR1 transforming growth factor, beta receptor 1
- TGFBR2 transforming growth factor, beta receptor II (70/80kDa)
- TGFBR3 transforming growth factor, beta receptor III
- TP53 tumor protein p53
- TPO thyroid peroxidase
- WEE1 WEE1 homolog (*S. pombe*)
- 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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