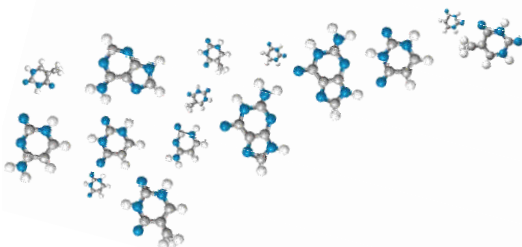


GrandPerformance Cancer Panel PreAmp Primer Mix

Primer mix for preamplification

Order #: PAC102
Volume: 250 µl
Conc.: 10X



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Primer mix for preamplification

Order #: PAC102
Volume: 250 µl
Conc.: 10X



Background

When sample amount is limited in gene expression profiling, or when certain qPCR technologies like the BioMark™ (Fluidigm) is to be used, a preamplification of the samples is advised in order to obtain high enough concentration of each target in a reaction to be able to produce reproducible data. The GrandPerformance Cancer PreAmp Primer Mix is a premixed preamplification solution of primers to be used together with the GrandPerformance Cancer Panel Probe qPCR assays for gene expression analysis.

Other products recommended to be used together with the PreAmp Primer mix:

- **TATAA PreAmp GrandMaster® mix**
- **TATAA GrandPerformance Cancer Panel Probe qPCR assays**
- **ValidPrime® probe assay**
- **TATAA Probe GrandMaster® mix**

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- **TATAA PreAmp GrandMaster® mix**
- **TATAA GrandPerformance Cancer Panel Probe qPCR assays**
- **ValidPrime® probe assay**
- **TATAA Probe GrandMaster® mix**

Protocol

Please follow recommended protocol for your PreAmp master mix. The GrandPerformance Cancer Panel PreAmp Primer Mix is a 10x concentrated solution that should be diluted with sample and mastermix to a 1x reaction solution.

Storage

Store at -20°C. Repeated freeze-thaw cycles should be avoided. Vortex thoroughly and spin down before use.

Re-order

Please re-order from our distribution partners around the world, by e-mail to order@tataa.com, or in our webshop at www.tataa.com.

TATAA Biocenter AB

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info@tataa.com www.tataa.com

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info@tataa.com www.tataa.com

Cat. No	Assay Name/Full Gene Name
qA-01-0199P	ADAM17, ADAM metalloproteinase domain 17
qA-01-0200P	AKT2, v-akt murine thymoma viral oncogene homolog 2
qA-01-0201P	ALDH, Aldehyde dehydrogenase 1 family, member A1
qA-01-0202P	AURKA, Aurora kinase A
qA-01-0203P	CCND1, Cyclin D1
qA-01-0204P	CD24L4, CD24 molecule
qA-01-0207P	CD44 molecule
qA-01-0208P	CDH1 / ECAD, E-cadherin (epithelial)
qA-01-0209P	CTSD, Cathepsin D
qA-01-0211P	EGFR, Epidermal growth factor receptor
qA-01-0212P	EPCAM, Epithelial cell adhesion molecule
qA-01-0213P	HER2/ERBB2, v-erb-b2 erythroblastic leukemia viral oncogene homolog 2
qA-01-0214P	ESR1, Estrogen receptor 1
qA-01-0215P	VEGFR1, Fms-related tyrosine kinase 1 (FLT1)
qA-01-0216P	FOXO, Forkhead box O3 (FOXO3)
qA-01-0218P	H2AFZ, H2A histone family, member Z
qA-01-0219P	HDAC2, Histone deacetylase 2
qA-01-0220P	i IBSP, integrin-binding sialoprotein
qA-01-0221P	IGFR, Insulin-like growth factor 1 receptor
qA-01-0222P	Ki67, antigen identified by monoclonal antibody Ki-67
qA-01-0223P	KIT_1, v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog
qA-01-0224P	hKRAS, v-Ki-ras2 Kirsten rat sarcoma viral oncogene homolog

Cat. No	Assay Name/Full Gene Name
qA-01-0199P	ADAM17, ADAM metalloproteinase domain 17
qA-01-0200P	AKT2, v-akt murine thymoma viral oncogene homolog 2
qA-01-0201P	ALDH, Aldehyde dehydrogenase 1 family, member A1
qA-01-0202P	AURKA, Aurora kinase A
qA-01-0203P	CCND1, Cyclin D1
qA-01-0204P	CD24L4, CD24 molecule
qA-01-0207P	CD44 molecule
qA-01-0208P	CDH1 / ECAD, E-cadherin (epithelial)
qA-01-0209P	CTSD, Cathepsin D
qA-01-0211P	EGFR, Epidermal growth factor receptor
qA-01-0212P	EPCAM, Epithelial cell adhesion molecule
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qA-01-0220P	i IBSP, integrin-binding sialoprotein
qA-01-0221P	IGFR, Insulin-like growth factor 1 receptor
qA-01-0222P	Ki67, antigen identified by monoclonal antibody Ki-67
qA-01-0223P	KIT_1, v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog
qA-01-0224P	hKRAS, v-Ki-ras2 Kirsten rat sarcoma viral oncogene homolog

Cat. No	Assay Name/Full Gene Name
qA-01-0225P	KRT19 , Keratin 19
qA-01-0226P	MCM4, minichromosome maintenance complex component 4
qA-01-0227P	MET_1, Met proto-oncogene (hepatocyte growth factor receptor)
qA-01-0228P	MRP2, ATP-binding cassette, sub-family C (CFTR/MRP), member 2
qA-01-0229P	MRP1, ATP-binding cassette, sub-family C (CFTR/MRP), member 1
qA-01-0230P	MRP4, ATP-binding cassette, sub-family C (CFTR/MRP), member 4
qA-01-0231P	MRP5, ATP-binding cassette, sub-family C (CFTR/MRP), member 5
qA-01-0233P	MTOR, mechanistic target of rapamycin (serine/threonine kinase)
qA-01-0234P	MUC1, mucin 1, cell surface associated
qA-01-0525P	Myc, v-myc avian myelocytomatosis viral oncogene homolog
qA-01-0236P	PARP, poly (ADP-ribose) polymerase 1
qA-01-0237P	PGR, progesterone receptor
qA-01-0238P	PI3KCA, phosphoinositide-3-kinase, catalytic, alpha polypeptide
qA-01-0239P	PTEN, phosphatase and tensin homolog
qA-01-0240P	CD45 / PTPRC, Protein tyrosine phosphatase, receptor type, C
qA-01-0241P	RAD51, RAD51 recombinase
qA-01-0242P	SATB1, SATB homeobox 1
qA-01-0243P	SCGB2A/ hMAM, Secretoglobulin, family 2A, member 2
qA-01-0244P	TOP2A, topoisomerase (DNA) II alpha
qA-01-0245P	TP53, Tumor protein p53
qA-01-0246P	Twist1, twist family bHLH transcription factor 1

Cat. No	Assay Name/Full Gene Name
qA-01-0247P	UPA, plasminogen activator, urokinase
qA-01-0248P	VEGFA, vascular endothelial growth factor A
qA-01-0249P	VIM, vimentin
qA-01-0250P	WHSC1L1_L1, Wolf-Hirschhorn syndrome candidate 1-like 1, long transcript
qA-01-0251P	WHSC1S1_S1, Wolf-Hirschhorn syndrome candidate 1-like 1, short transcript
qA-01-0252P	CCNE2, cyclin E2
qA-01-0253P	PPIC, peptidylprolyl isomerase C (cyclophilin C)
qA-01-0254P	SLC6A8, solute carrier family 6 (neurotransmitter transporter, creatine), member 8
qA-01-0255P	Hjurrp, Holliday junction recognition protein
qA-01-0256P	EMP2, epithelial membrane protein 2
qA-01-0257P	MAL2, mal, T-cell differentiation protein 2
qA-01-0356P	KLK3, kallikrein-related peptidase 3
qA-01-0357P	FOLH1, folate hydrolase (prostate-specific membrane antigen) 1
qA-01-0529P	PSCA, prostate stem cell antigen
qA-01-0359P	CYP11A1, cytochrome P450, family 11, subfamily A, polypeptide 1
qA-01-0360P	CYP17A1, cytochrome P450, family 17, subfamily A, polypeptide 1
qA-01-0361P	CYP19A1, cytochrome P450, family 19, subfamily A, polypeptide 1
qA-01-0362P	AKR1C3, aldo-keto reductase family 1, member C3
qA-01-0363P	SRD5A1, steroid-5-alpha-reductase, alpha polypeptide 1
qA-01-0364P	AR, Androgen receptor

Cat. No	Assay Name/Full Gene Name
qA-01-0365P	ESR2, estrogen receptor 2
qA-01-0366P	AHR, aryl hydrocarbon receptor
qA-01-0367P	NCOA1, nuclear receptor coactivator 1
qA-01-0368P	ARV7, Androgen receptor splice variant 7
qA-01-0369P	NES, nestin
qA-01-0370P	POU5F1, POU class 5 homeobox 1
qA-01-0371P	PROM1, prominin 1
qA-01-0372P	TACSTD2, tumor-associated calcium signal transducer 2
qA-01-0373P	CXCR4, chemokine (C-X-C motif) receptor 4
qA-01-0374P	ANXA2R, annexin A2 receptor
qA-01-0375P	RUNX2, runt-related transcription factor 2
qA-01-0376P	CDH11, cadherin 11, type 2, OB-cadherin
qA-01-0377P	TNFSF11, tumor necrosis factor (ligand) superfamily, member 11
qA-01-0378P	TUBB3, tubulin, beta 3 class III
qA-01-0379P	AGR2, anterior gradient 2
qA-01-0380P	MDK, midkine (neurite growth-promoting factor 2)
qA-01-0381P	MCL1, myeloid cell leukemia sequence 1
qA-01-0382P	XIAP, X-linked inhibitor of apoptosis
qA-01-0383P	BCL2, B-cell CLL/lymphoma 2
qA-01-0384P	CDH2, cadherin 2, type 1, N-cadherin
qA-01-0385P	SNAI1, snail family zinc finger 1

Cat. No	Assay Name/Full Gene Name
qA-01-0386P	DDR1, discoidin domain receptor tyrosine kinase 1
qA-01-0387P	SHH, sonic hedgehog
qA-01-0388P	PTCH1, patched 1
qA-01-0389P	STAT3, signal transducer and activator of transcription 3 (acute-phase response factor)
qA-01-0390P	SPINK1, serine peptidase inhibitor, Kazal type 1
qA-01-0530P	VEGFR2, kinase insert domain receptor
qA-01-0889P	HOXB13, homeobox B13
qA-01-0890P	RAI2, retinoic acid induced 2
qA-01-0101P	GAPDH, glyceraldehyde-3-phosphate dehydrogenase
qA-01-0102P	TUBB, tubulin, beta 2A class IIa
qA-01-0103P	PPIA, peptidylprolyl isomerase A (cyclophilin A)
qA-01-0104P	ACTB, actin, beta
qA-01-0105P	YWHAZ, tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide
qA-01-0107P	B2M, beta-2-microglobulin
qA-01-0108P	UBC, ubiquitin C
qA-01-0109P	TBR, TATA box binding protein
qA-01-0110P	RPLP, ribosomal protein, large, P0
qA-01-0111P	GUSB, glucuronidase, beta
qA-01-0112P	HPRT1, hypoxanthine phosphoribosyltransferase 1
A105P25	ValidPrime®

Cat. No	Assay Name/Full Gene Name
qA-01-0225P	KRT19 , Keratin 19
qA-01-0226P	MCM4, minichromosome maintenance complex component 4
qA-01-0227P	MET_1, Met proto-oncogene (hepatocyte growth factor receptor)
qA-01-0228P	MRP2, ATP-binding cassette, sub-family C (CFTR/MRP), member 2
qA-01-0229P	MRP1, ATP-binding cassette, sub-family C (CFTR/MRP), member 1
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qA-01-0241P	RAD51, RAD51 recombinase
qA-01-0242P	SATB1, SATB homeobox 1
qA-01-0243P	SCGB2A/ hMAM, Secretoglobulin, family 2A, member 2
qA-01-0244P	TOP2A, topoisomerase (DNA) II alpha
qA-01-0245P	TP53, Tumor protein p53
qA-01-0246P	Twist1, twist family bHLH transcription factor 1

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qA-01-0247P	UPA, plasminogen activator, urokinase
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qA-01-0249P	VIM, vimentin
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qA-01-0251P	WHSC1S1_S1, Wolf-Hirschhorn syndrome candidate 1-like 1, short transcript
qA-01-0252P	CCNE2, cyclin E2
qA-01-0253P	PPIC, peptidylprolyl isomerase C (cyclophilin C)
qA-01-0254P	SLC6A8, solute carrier family 6 (neurotransmitter transporter, creatine), member 8
qA-01-0255P	Hjurrp, Holliday junction recognition protein
qA-01-0256P	EMP2, epithelial membrane protein 2
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qA-01-0361P	CYP19A1, cytochrome P450, family 19, subfamily A, polypeptide 1
qA-01-0362P	AKR1C3, aldo-keto reductase family 1, member C3
qA-01-0363P	SRD5A1, steroid-5-alpha-reductase, alpha polypeptide 1
qA-01-0364P	AR, Androgen receptor

Cat. No	Assay Name/Full Gene Name
qA-01-0365P	ESR2, estrogen receptor 2
qA-01-0366P	AHR, aryl hydrocarbon receptor
qA-01-0367P	NCOA1, nuclear receptor coactivator 1
qA-01-0368P	ARV7, Androgen receptor splice variant 7
qA-01-0369P	NES, nestin
qA-01-0370P	POU5F1, POU class 5 homeobox 1
qA-01-0371P	PROM1, prominin 1
qA-01-0372P	TACSTD2, tumor-associated calcium signal transducer 2
qA-01-0373P	CXCR4, chemokine (C-X-C motif) receptor 4
qA-01-0374P	ANXA2R, annexin A2 receptor
qA-01-0375P	RUNX2, runt-related transcription factor 2
qA-01-0376P	CDH11, cadherin 11, type 2, OB-cadherin
qA-01-0377P	TNFSF11, tumor necrosis factor (ligand) superfamily, member 11
qA-01-0378P	TUBB3, tubulin, beta 3 class III
qA-01-0379P	AGR2, anterior gradient 2
qA-01-0380P	MDK, midkine (neurite growth-promoting factor 2)
qA-01-0381P	MCL1, myeloid cell leukemia sequence 1
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qA-01-0383P	BCL2, B-cell CLL/lymphoma 2
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qA-01-0103P	PPIA, peptidylprolyl isomerase A (cyclophilin A)
qA-01-0104P	ACTB, actin, beta
qA-01-0105P	YWHAZ, tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide
qA-01-0107P	B2M, beta-2-microglobulin
qA-01-0108P	UBC, ubiquitin C
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qA-01-0110P	RPLP, ribosomal protein, large, P0
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