

EpiTect® Methyl II Complete PCR Array (94)

Human Inflammatory Response & Autoimmunity

Cat. no. 335222 EAHS-8520ZA

For DNA methylation analysis using MethylScreen™ technology

The Human Inflammatory Response & Autoimmunity EpiTect Methyl II Complete PCR Arrays profile the promoter methylation status of a panel of 94 genes whose involvement in inflammation has been well documented. Profiling cellular or fresh tissue DNA samples with these arrays may help correlate CpG island methylation status with anti- or pro-inflammatory responses. The results may also help provide insights into the molecular mechanisms and biological pathways behind inflammatory disease. With a simple restriction enzyme digestion and real-time PCR, research studies can analyze the promoter methylation status of 94 different inflammatory response and autoimmunity genes with this DNA methylation PCR array. The EpiTect Methyl II PCR Arrays use MethylScreen™ technology provided under license from Orion Genomics, LLC. For further details, consult the *EpiTect Methyl II PCR Array Handbook*.

Shipping and storage

EpiTect Methyl II Complete PCR Arrays are shipped at room temperature (15–25°C), on dry ice, or on blue ice depending on the destination and accompanying products. They should be stored at –20°C. Ensure that you have the correct EpiTect Methyl II Complete PCR Array format for your instrument before starting the experiment.

Note: Open the package and store the products appropriately immediately on receipt.



Sample & Assay Technologies

Contents

Product	Contents	Cat. no.
EpiTect Methyl II Complete PCR Array (94) Format A	2 x set of 4 of 96-well plates, 12 Optical Thin-Wall 8-Cap Strips; for use with the following real-time cyclers: Applied Biosystems® models 5700, 7000, 7300, 7500, 7700, 7900HT, ViiA™ 7 (96-well block); Bio-Rad® models iCycler®, iQ™ 5, MyiQ™, MyiQ2; Bio-Rad/MJ Research Chromo4™; Eppendorf® MasterCycler® ep realplex models 2, 2s, 4, 4s; Stratagene® models Mx3005P®, Mx3000P®	Varies
EpiTect Methyl II Complete PCR Array (94) Format C	2 x set of 4 of 96-well plates; Optical Adhesive Film; for use with the following real-time cyclers: Applied Biosystems models 7500 (Fast block), 7900HT (Fast block), StepOnePlus™, ViiA 7 (Fast block)	Varies
EpiTect Methyl II Complete PCR Array (94) Format D	2 x set of 4 of x 96-well plates, 12 Optical Thin-Wall 8-Cap Strips; for use with the following real-time cyclers: Bio-Rad CFX96™; Bio-Rad/MJ Research models DNA Engine Opticon®, DNA Engine Opticon 2; Stratagene Mx4000®	Varies
EpiTect Methyl II Complete PCR Array (94) Format E	2, 12, or 24 x 384-well plates; 2, 12, or 24 sets of 384EZLoad Covers; Optical Adhesive Film; for use with the following real-time cyclers: Applied Biosystems models 7900HT (384-well block), ViiA 7 (384-well block); Bio-Rad CFX384™	Varies
EpiTect Methyl II Complete PCR Array (94) Format F	2 x set of 4 of 96-well plates; Optical Adhesive Film; for use with the following real-time cyclers: Roche® LightCycler® 480 (96-well block)	Varies
EpiTect Methyl II Complete PCR Array (94) Format G	2, 12, or 24 x 384-well plates; 2, 12, or 24 sets of 384EZLoad Covers; Optical Adhesive Film; for use with the following real-time cyclers: Roche LightCycler 480 (384-well block)	Varies

Array layout

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	1	2	3	4	5	6	7	8	9	10	11	12
A	ATF2	CCL25	CXCL14	CXCL3	CXCL5	CXCL6	FADD	GATA3	IL10RA	IL12A	IL12B	IL13
B	IL13RA1	IL15	IL17C	IL17RA	IL4R	IL6R	IL6ST	IL7	INH1A	TYK2	EP_SEC	EP_DEC
C	ATF2	CCL25	CXCL14	CXCL3	CXCL5	CXCL6	FADD	GATA3	IL10RA	IL12A	IL12B	IL13
D	IL13RA1	IL15	IL17C	IL17RA	IL4R	IL6R	IL6ST	IL7	INH1A	TYK2	EP_SEC	EP_DEC
E	ATF2	CCL25	CXCL14	CXCL3	CXCL5	CXCL6	FADD	GATA3	IL10RA	IL12A	IL12B	IL13
F	IL13RA1	IL15	IL17C	IL17RA	IL4R	IL6R	IL6ST	IL7	INH1A	TYK2	EP_SEC	EP_DEC
G	ATF2	CCL25	CXCL14	CXCL3	CXCL5	CXCL6	FADD	GATA3	IL10RA	IL12A	IL12B	IL13
H	IL13RA1	IL15	IL17C	IL17RA	IL4R	IL6R	IL6ST	IL7	INH1A	TYK2	EP_SEC	EP_DEC

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	1	2	3	4	5	6	7	8	9	10	11	12
A	ABCF1	ADA	BCL10	BCL3	CXCL5	BLM	CD274	CD276	CD40	CD47	CD7	CD8A
B	CEBPB	CSF1	CXCL1	CXCL12	CXCL2	CXCR4	DPP4	EGR1	FOS	FOXJ1	FOXP3	HDAC4
C	ABCF1	ADA	BCL10	BCL3	CXCL5	BLM	CD274	CD276	CD40	CD47	CD7	CD8A
D	CEBPB	CSF1	CXCL1	CXCL12	CXCL2	CXCR4	DPP4	EGR1	FOS	FOXJ1	FOXP3	HDAC4
E	ABCF1	ADA	BCL10	BCL3	CXCL5	BLM	CD274	CD276	CD40	CD47	CD7	CD8A
F	CEBPB	CSF1	CXCL1	CXCL12	CXCL2	CXCR4	DPP4	EGR1	FOS	FOXJ1	FOXP3	HDAC4
G	ABCF1	ADA	BCL10	BCL3	CXCL5	BLM	CD274	CD276	CD40	CD47	CD7	CD8A
H	CEBPB	CSF1	CXCL1	CXCL12	CXCL2	CXCR4	DPP4	EGR1	FOS	FOXJ1	FOXP3	HDAC4

EAHS-523Z

	1	2	3	4	5	6	7	8	9	10	11	12
A	HMOX1	ICOSLG	IGF2BP2	IL10RB	IL15RA	IL1RAP	IL36B	INHBA	IRF1	JUN	LAG3	LCK
B	LTB	LTB4R	MALT1	MAP3K7	MAPK14	MICB	MIF	MYD88	NCK1	NFATC3	NFKB1	NFKBIB
C	HMOX1	ICOSLG	IGF2BP2	IL10RB	IL15RA	IL1RAP	IL36B	INHBA	IRF1	JUN	LAG3	LCK
D	LTB	LTB4R	MALT1	MAP3K7	MAPK14	MICB	MIF	MYD88	NCK1	NFATC3	NFKB1	NFKBIB
E	HMOX1	ICOSLG	IGF2BP2	IL10RB	IL15RA	IL1RAP	IL36B	INHBA	IRF1	JUN	LAG3	LCK
F	LTB	LTB4R	MALT1	MAP3K7	MAPK14	MICB	MIF	MYD88	NCK1	NFATC3	NFKB1	NFKBIB
G	HMOX1	ICOSLG	IGF2BP2	IL10RB	IL15RA	IL1RAP	IL36B	INHBA	IRF1	JUN	LAG3	LCK
H	LTB	LTB4R	MALT1	MAP3K7	MAPK14	MICB	MIF	MYD88	NCK1	NFATC3	NFKB1	NFKBIB

EAHS-524Z

	1	2	3	4	5	6	7	8	9	10	11	12
A	NOD1	NR3C1	PAX1	PF4	PTGS2	RELA	RIPK2	RUNX1	S1PR3	SMAD3	SOD1	SOD1
B	STAT1	STAT5A	TGFB1	TH1L	THY1	TIRAP	TLR2	TLR5	TNFRSF1B	TOLLIP	TRAF2	TRAF6
C	NOD1	NR3C1	PAX1	PF4	PTGS2	RELA	RIPK2	RUNX1	S1PR3	SMAD3	SOD1	SOD1
D	STAT1	STAT5A	TGFB1	TH1L	THY1	TIRAP	TLR2	TLR5	TNFRSF1B	TOLLIP	TRAF2	TRAF6
E	NOD1	NR3C1	PAX1	PF4	PTGS2	RELA	RIPK2	RUNX1	S1PR3	SMAD3	SOD1	SOD1
F	STAT1	STAT5A	TGFB1	TH1L	THY1	TIRAP	TLR2	TLR5	TNFRSF1B	TOLLIP	TRAF2	TRAF6
G	NOD1	NR3C1	PAX1	PF4	PTGS2	RELA	RIPK2	RUNX1	S1PR3	SMAD3	SOD1	SOD1
H	STAT1	STAT5A	TGFB1	TH1L	THY1	TIRAP	TLR2	TLR5	TNFRSF1B	TOLLIP	TRAF2	TRAF6

Gene table

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Position	Unigene	GenBank OR miRNA Accession	Gene Symbol OR miRNA ID	Description	Gene Name
A01, C01, E01, G01	Hs.592510	NM_001880	ATF2	Activating transcription factor 2	CRE-BP1, CREB2, HB16, MGC111558, TREB7
A02, C02, E02, G02	Hs.310511	NM_005624	CCL25	Chemokine (C-C motif) ligand 25	Ckb15, MGC150327, SCYA25, TECK
A03, C03, E03, G03	Hs.483444	NM_004887	CXCL14	Chemokine (C-X-C motif) ligand 14	BMAC, BRAK, KEC, KS1, MGC10687, MIP-2g, MIP2G, NJAC, SCYB14
A04, C04, E04, G04	Hs.89690	NM_002090	CXCL3	Chemokine (C-X-C motif) ligand 3	CINC-2b, GRO3, GROg, MIP-2b, MIP2B, SCYB3
A05, C05, E05, G05	Hs.89714	NM_002994	CXCL5	Chemokine (C-X-C motif) ligand 5	ENA-78, SCYB5
A06, C06, E06, G06	Hs.164021	NM_002993	CXCL6	Chemokine (C-X-C motif) ligand 6 (granulocyte chemotactic protein 2)	CKA-3, GCP-2, GCP2, SCYB6
A07, C07, E07, G07	Hs.86131	NM_003824	FADD	Fas (TNFRSF6)-associated via death domain	MGC8528, MORT1
A08, C08, E08, G08	Hs.524134	NM_002051	GATA3	GATA binding protein 3	HDR, MGC2346, MGC5199, MGC5445
A09, C09, E09, G09	Hs.504035	NM_001558	IL10RA	Interleukin 10 receptor, alpha	CDW210A, HIL-10R, IL-10R1, IL10R
A10, C10, E10, G10	Hs.673	NM_000882	IL12A	Interleukin 12A (natural killer cell stimulatory factor 1, cytotoxic lymphocyte maturation factor 1, p35)	CLMF, IL-12A, NFSK, NKSF1, P35
A11, C11, E11, G11	Hs.674	NM_002187	IL12B	Interleukin 12B (natural killer cell stimulatory factor 2, cytotoxic lymphocyte maturation factor 2, p40)	CLMF, CLMF2, IL-12B, NKSF, NKSF2
A12, C12, E12, G12	Hs.845	NM_002188	IL13	Interleukin 13	ALRH, BHR1, IL-13, MGC116786, MGC116788, MGC116789, P600
B01, D01, F01, H01	Hs.496646	NM_001560	IL13RA1	Interleukin 13 receptor, alpha 1	CD213A1, IL-13Ra, NR4
B02, D02, F02, H02	Hs.654378	NM_000585	IL15	Interleukin 15	IL-15, MGC9721
B03, D03, F03, H03	Hs.278911	NM_013278	IL17C	Interleukin 17C	CX2, IL-17C, IL-21, MGC126884, MGC138401
B04, D04, F04, H04	Hs.129751	NM_014339	IL17RA	Interleukin 17 receptor A	CD217, CDw217, FLJ32274, FLJ36453, IL-17RA, IL17R, MGC10262, hIL-17R
B05, D05, F05, H05	Hs.513457	NM_000418	IL4R	Interleukin 4 receptor	CD124, IL4RA
B06, D06, F06, H06	Hs.709210	NM_000565	IL6R	Interleukin 6 receptor	CD126, IL-6R-1, IL-6RA, IL6RA, MGC104991, gp80
B07, D07, F07, H07	Hs.532082	NM_002184	IL6ST	Interleukin 6 signal transducer (gp130, oncostatin M receptor)	CD130, CDW130, DKFZp564F053, GP130, IL-6RB
B08, D08, F08, H08	Hs.591873	NM_000880	IL7	Interleukin 7	IL-7
B09, D09, F09, H09	Hs.407506	NM_002191	INH1A	Inhibin, alpha	
B10, D10, F10, H10	Hs.75516	NM_003331	TYK2	Tyrosine kinase 2	JTK1
B11, D11, F11, H11	N/A	SA_00148	EP_SEC	SEC-sensitive enzyme control assay	SEC
B12, D12, F12, H12	N/A	SA_00149	EP_DEC	DEC-dependent enzyme control assay	DEC

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Position	Unigene	GenBank OR miRNA Accession	Gene Symbol OR miRNA ID	Description	Gene Name
A01, C01, E01, G01	Hs.655285	NM_001090	ABCF1	ATP-binding cassette, sub-family F (GCN20), member 1	ABC27, ABC50
A02, C02, E02, G02	Hs.654536	NM_000022	ADA	Adenosine deaminase	
A03, C03, E03, G03	Hs.193516	NM_003921	BCL10	B-cell CLL/lymphoma 10	CARMEN, CIPER, CLAP, c-E10, mE10
A04, C04, E04, G04	Hs.31210	NM_005178	BCL3	B-cell CLL/lymphoma 3	BCL4, D19S37
A05, C05, E05, G05	Hs.89714	NM_002994	CXCL5	Chemokine (C-X-C motif) ligand 5	ENA-78, SCYB5
A06, C06, E06, G06	Hs.716515	NM_000057	BLM	Bloom syndrome, RecQ helicase-like	BS, MGC126616, MGC131618, MGC131620, RECQ2, RECQL2, RECQL3
A07, C07, E07, G07	Hs.521989	NM_014143	CD274	CD274 molecule	B7-H, B7H1, MGC142294, MGC142296, PD-L1, PDCD1L1, PDCD1LG1, PDL1

Position	Unigene	GenBank OR miRNA Accession	Gene Symbol OR miRNA ID	Description	Gene Name
A08, C08, E08, G08	Hs.77873	NM_025240	CD276	CD276 molecule	4lg-B7-H3, B7-H3, B7H3
A09, C09, E09, G09	Hs.472860	NM_001250	CD40	CD40 molecule, TNF receptor superfamily member 5	Bp50, CDW40, MGC9013, TNFRSF5, p50
A10, C10, E10, G10	Hs.446414	NM_001777	CD47	CD47 molecule	IAP, MER6, OA3
A11, C11, E11, G11	Hs.36972	NM_006137	CD7	CD7 molecule	GP40, LEU-9, TP41, Tp40
A12, C12, E12, G12	Hs.85258	NM_001768	CD8A	CD8a molecule	CD8, Leu2, MAL, p32
B01, D01, F01, H01	Hs.517106	NM_005194	CEBPB	CCAAT/enhancer binding protein (C/EBP), beta	C, EBP-beta, CRP2, IL6DBP, LAP, MGC32080, NF-IL6, TCF5
B02, D02, F02, H02	Hs.591402	NM_000757	CSF1	Colony stimulating factor 1 (macrophage)	MCSF, MGC31930
B03, D03, F03, H03	Hs.789	NM_001511	CXCL1	Chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha)	FSP, GRO1, GROa, MGSA, MGSA-a, NAP-3, SCYB1
B04, D04, F04, H04	Hs.522891	NM_000609	CXCL12	Chemokine (C-X-C motif) ligand 12	IRH, PBSF, SCYB12, SDF1, SDF1A, SDF1B, TLSF, TPARI
B05, D05, F05, H05	Hs.590921	NM_002089	CXCL2	Chemokine (C-X-C motif) ligand 2	CINC-2a, GRO2, GROb, MGSA-b, MIP-2a, MIP2, MIP2A, SCYB2
B06, D06, F06, H06	Hs.593413	NM_003467	CXCR4	Chemokine (C-X-C motif) receptor 4	CD184, D2S201E, FB22, HM89, HSY3RR, LAP3, LCR1, LESTR, NPY3R, NPYR, NPYRL, NPY3R, WHIM
B07, D07, F07, H07	Hs.368912	NM_001935	DPP4	Dipeptidyl-peptidase 4	ADABP, ADCP2, CD26, DPPIV, TP103
B08, D08, F08, H08	Hs.326035	NM_001964	EGR1	Early growth response 1	AT225, G0S30, KROX-24, NGFI-A, TIS8, ZIF-268, ZNF225
B09, D09, F09, H09	Hs.728789	NM_005252	FOS	FBJ murine osteosarcoma viral oncogene homolog	AP-1, C-FOS
B10, D10, F10, H10	Hs.651204	NM_001454	FOXJ1	Forkhead box J1	FKHL13, HFH-4, HFH4, MGC35202
B11, D11, F11, H11	Hs.247700	NM_014009	FOXP3	Forkhead box P3	AIID, DIETER, IPEX, MGC141961, MGC141963, PIDX, XPID
B12, D12, F12, H12	Hs.20516	NM_006037	HDAC4	Histone deacetylase 4	AHO3, BDMR, HA6116, HD4, HDAC-A, HDACA, KIAA0288

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Position	Unigene	GenBank OR miRNA Accession	Gene Symbol OR miRNA ID	Description	Gene Name
A01, C01, E01, G01	Hs.517581	NM_002133	HMOX1	Heme oxygenase (decycling) 1	HO-1, HSP32, bK286B10
A02, C02, E02, G02	Hs.14155	NM_015259	ICOSLG	Inducible T-cell co-stimulator ligand	B7-H2, B7H2, B7RP-1, B7RP1, CD275, GL50, ICOS-L, ICOSL, KIAA0653, LICOS
A03, C03, E03, G03	Hs.35354	NM_006548	IGF2BP2	Insulin-like growth factor 2 mRNA binding protein 2	IMP-2, IMP2, VICKZ2, p62
A04, C04, E04, G04	Hs.654593	NM_000628	IL10RB	Interleukin 10 receptor, beta	CDW210B, CRF2-4, CRFB4, D21S58, D21S66, IL-10R2
A05, C05, E05, G05	Hs.524117	NM_002189	IL15RA	Interleukin 15 receptor, alpha	MGC104179
A06, C06, E06, G06	Hs.478673	NM_002182	IL1RAP	Interleukin 1 receptor accessory protein	C3orf13, FLJ37788, IL-1RAcP, IL1R3
A07, C07, E07, G07	Hs.278909	NM_173178	IL36B	Interleukin 36, beta	FIL1, FIL1-(ETA), FIL1H, FILI-(ETA), IL-1F8, IL-1H2, IL1-ETA, IL1F8, IL1H2, MGC126880, MGC126882
A08, C08, E08, G08	Hs.583348	NM_002192	INHBA	Inhibin, beta A	EDF, FRP
A09, C09, E09, G09	Hs.436061	NM_002198	IRF1	Interferon regulatory factor 1	IRF-1, MAR
A10, C10, E10, G10	Hs.714791	NM_002228	JUN	Jun proto-oncogene	AP-1, AP1, c-Jun
A11, C11, E11, G11	Hs.409523	NM_002286	LAG3	Lymphocyte-activation gene 3	CD223
A12, C12, E12, G12	Hs.470627	NM_005356	LCK	Lymphocyte-specific protein tyrosine kinase	LSK, YT16, p56lck, pp58lck
				Lymphotoxin beta (TNF superfamily,	

Position	Unigene	GenBank OR miRNA Accession	Gene Symbol OR miRNA ID	Description	Gene Name
B01, D01, F01, H01	Hs.376208	NM_002341	LTB	member 3)	TNFC, TNFSF3, p33
B02, D02, F02, H02	Hs.655431	NM_181657	LTB4R	Leukotriene B4 receptor	BLT1, BLTR, CMKRL1, GPR16, LTB4R1, LTBR1, P2RY7, P2Y7
B03, D03, F03, H03	Hs.601217	NM_173844	MALT1	Mucosa associated lymphoid tissue lymphoma translocation gene 1	DKFZp434L132, MLT, MLT1
B04, D04, F04, H04	Hs.644143	NM_003188	MAP3K7	Mitogen-activated protein kinase kinase kinase 7	MEKK7, TAK1, TGF1α
B05, D05, F05, H05	Hs.485233	NM_001315	MAPK14	Mitogen-activated protein kinase 14	CSBP, CSBP1, CSBP2, CSPB1, EXIP, Mxi2, PRKM14, PRKM15, RK, SAPK2A, p38, p38ALPHA
B06, D06, F06, H06	Hs.211580	NM_005931	MICB	MHC class I polypeptide-related sequence B	PERB11.2
B07, D07, F07, H07	Hs.407995	NM_002415	MIF	Macrophage migration inhibitory factor (glycosylation-inhibiting factor)	GIF, GLIF, MMIF
B08, D08, F08, H08	Hs.82116	NM_002468	MYD88	Myeloid differentiation primary response gene (88)	MYD88D
B09, D09, F09, H09	Hs.477693	NM_006153	NCK1	NCK adaptor protein 1	MGC12668, NCK, NCKalpha, nck-1
B10, D10, F10, H10	Hs.632209	NM_004555	NFATC3	Nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 3	NFAT4, NFATX
B11, D11, F11, H11	Hs.654408	NM_003998	NFKB1	Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1	DKFZp686C01211, EBP-1, KBF1, MGC54151, NF-kappa-B, NF-kappaB, NFKB-p105, NFKB-p50, NFkappaB, p105, p50
B12, D12, F12, H12	Hs.9731	NM_002503	NFKBIB	Nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, beta	IKBB, TRIP9

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Position	Unigene	GenBank OR miRNA Accession	Gene Symbol OR miRNA ID	Description	Gene Name
A01, C01, E01, G01	Hs.405153	NM_006092	NOD1	Nucleotide-binding oligomerization domain containing 1	CARD4, CLR7.1, NLRC1
A02, C02, E02, G02	Hs.122926	NM_000176	NR3C1	Nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)	GCCR, GCR, GR, GRL
A03, C03, E03, G03	Hs.349082	NM_006192	PAX1	Paired box 1	HUP48
A04, C04, E04, G04	Hs.81564	NM_002619	PF4	Platelet factor 4	CXCL4, MGC138298, SCYB4
A05, C05, E05, G05	Hs.196384	NM_000963	PTGS2	Prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)	COX-2, COX2, GRIPGHS, PGG, HS, PGHS-2, PHS-2, hCox-2
A06, C06, E06, G06	Hs.502875	NM_021975	RELA	V-rel reticuloendotheliosis viral oncogene homolog A (avian)	MGC131774, NFKB3, p65
A07, C07, E07, G07	Hs.103755	NM_003821	RIPK2	Receptor-interacting serine-threonine kinase 2	CARD3, CARDIAK, CCK, GIG30, RICK, RIP2
A08, C08, E08, G08	Hs.149261	NM_001001890	RUNX1	Runt-related transcription factor 1	AML1, AML1-EVI-1, AMLCR1, CBFA2, EVI-1, PEBP2αB
A09, C09, E09, G09	Hs.585118	NM_005226	S1PR3	Sphingosine-1-phosphate receptor 3	EDG-3, EDG3, FLJ37523, FLJ93220, LPB3, MGC71696, S1P3
A10, C10, E10, G10	Hs.714621	NM_005902	SMAD3	SMAD family member 3	DKFZp586N0721, DKFZp686J10186, HSPC193, HsT17436, JV15-2, MADH3, MGC60396
A11, C11, E11, G11	Hs.50640	NM_003745	SOCS1	Suppressor of cytokine signaling 1	CIS1, CISH1, JAB, SOCS-1, SSI-1, SSI1, TIP3
A12, C12, E12, G12	Hs.443914	NM_000454	SOD1	Superoxide dismutase 1, soluble	ALS, ALS1, IPOA, SOD, hSod1, homodimer
B01, D01, F01, H01	Hs.642990	NM_007315	STAT1	Signal transducer and activator of transcription 1, 91kDa	DKFZp686B04100, ISGF-3, STAT91
B02, D02, F02, H02	Hs.437058	NM_003152	STAT5A	Signal transducer and activator of transcription 5A	MGF, STAT5
B03, D03, F03, H03	Hs.645227	NM_000660	TGFB1	Transforming growth factor, beta 1	CED, DPD1, LAP, TGFB, TGFBeta

Position	Unigene	GenBank OR miRNA Accession	Gene Symbol OR miRNA ID	Description	Gene Name
B04, D04, F04, H04	Hs.517148	NM_198976	TH1L	TH1-like (Drosophila)	NELF-C, NELF-D, TH1
B05, D05, F05, H05	Hs.644697	NM_006288	THY1	Thy-1 cell surface antigen	CD90, FLJ33325
B06, D06, F06, H06	Hs.537126	NM_001039661	TIRAP	Toll-interleukin 1 receptor (TIR) domain containing adaptor protein	FLJ42305, Mal, wyatt
B07, D07, F07, H07	Hs.519033	NM_003264	TLR2	Toll-like receptor 2	CD282, TIL4
B08, D08, F08, H08	Hs.604542	NM_003268	TLR5	Toll-like receptor 5	FLJ10052, MGC126430, MGC126431, SLEB1, TIL3
B09, D09, F09, H09	Hs.256278	NM_001066	TNFRSF1B	Tumor necrosis factor receptor superfamily, member 1B	CD120b, TBPII, TNF-R-II, TNF-R75, TNFBR, TNFR1B, TNFR2, TNFR80, p75, p75TNFR
B10, D10, F10, H10	Hs.368527	NM_019009	TOLLIP	Toll interacting protein	FLJ33531, IL-1RAcPIP
B11, D11, F11, H11	Hs.522506	NM_021138	TRAF2	TNF receptor-associated factor 2	MGC:45012, TRAP, TRAP3
B12, D12, F12, H12	Hs.591983	NM_004620	TRAF6	TNF receptor-associated factor 6	MGC:3310, RNF85

Related products

Product	Contents	Cat. no.
EpiTect Methyl II DNA Restriction Kit (12)	Reagents for the cleavage of methylated and unmethylated DNA for processing up to 12 DNA samples; 5x Restriction Digestion Buffer, Methylation-sensitive Enzyme A, Methylation-dependent Enzyme B	335452
RT ² SYBR [®] Green qPCR Mastermixes(2)*	For 2 x 96 assays in 96-well plates; suitable for use with real-time cyclers that do not require a reference dye, including: Bio-Rad models CFX96, CFX384; Bio-Rad/MJ Research models Chromo4, DNA Engine Opticon 2; Roche LightCycler 480 (96-well and 384-well); all other cyclers	330500
RT ² SYBR Green ROX [™] qPCR Mastermixes(2)*	For 2 x 96 assays in 96-well plates; suitable for use with the following real-time cyclers: Applied Biosystems models 5700, 7000, 7300, 7500 [Standard and Fast], 7700, 7900HT 96-well block [Standard and Fast] and 384-well block, StepOnePlus; Eppendorf Mastercycler ep realplex models 2, 2S, 4, 4S; Stratagene models Mx3000P, Mx3005P, Mx4000	330520
RT ² SYBR Green Fluor qPCR Mastermixes(2)*	For 2 x 96 assays in 96-well plates; suitable for use with the following real-time cyclers: Bio-Rad models iCycler, iQ5, MyiQ, MyiQ2	330510
Accessories		
EpiTect Methyl II Custom PCR Array	For methylation analysis of customer-selected genes in a 96-well or 384-well plate format	335112
EpiTect Methyl II Signature PCR Array (22)	For methylation analysis of 22 genes in a 96-well or 384-well plate format	335212
EpiTect Methyl II PCR Assay (200)	Laboratory-tested forward and reverse primers for 200 x 25 µl reactions; 25 µl per primer; total volume: 200 µl	335002
RT ² PCR Array Loading Reservoir	12 x 5 ml capacity, irradiation sterilized reservoirs for convenient sample loading on PCR arrays	338162

* Larger kit sizes available; please inquire.

EpiTect Methyl II Signature PCR Array products are intended for molecular biology applications. These products are not intended for the diagnosis, prevention, or treatment of a disease.

QIAGEN reserves the right to occasionally redesign individual assays on the EpiTect Methyl II PCR Arrays for improved performance. This revision history can be obtained by contacting technical support and providing the batch numbers from your arrays.

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