

Exclusively At ScienCell!

Absolute Length Quantification Kits:

Absolute Human Telomere Length Quantification qPCR Assay Kit (Cat. #8918)

Absolute Rat Telomere Length Quantification qPCR Assay Kit (Cat. #R8918)

Absolute Mouse Telomere Length Quantification qPCR Assay Kit (Cat. #M8918)

Absolute Bovine Telomere Length Quantification qPCR Assay Kit (Cat. #B8918)

Absolute Pig Telomere Length Quantification qPCR Assay Kit (Cat. #P8918)

Designed to directly measure the average telomere length of a cell population.



Catalog Number:

**Relative Human Telomere Length Quantification
qPCR Assay Kit (Cat. #8908)**

**Relative Rat Telomere Length Quantification
qPCR Assay Kit (Cat. #R8908)**

**Relative Mouse Telomere Length Quantification
qPCR Assay Kit (Cat. #M8908)**

Designed to directly compare the average telomere length of the samples.



Checkpoint Pathway qPCR Array Kits

GeneQueryTM Human PD-1/PD-L1 Checkpoint Pathway qPCR Array Kit (Cat. #GK121)

Designed to facilitate gene expression profiling of 88 key genes involved in human PD-1/PD-L1 checkpoint pathway, and to help identify potential prognostic biomarkers for cancer immunotherapy.

Note: all gene names follow their official symbols by HGNC

	1	2	3	4	5	6	7	8	9	10	11	12
A	AKT1	CD276	CD80	FOXO1	HLA-DQB1	IL15	JUN	MAPK8	NRP1	POU2F2	TLR9	<i>ACTB</i>
B	BATF	CD28	CD86	FOXP3	HLA-DRA	IL17A	KRAS	MTOR	PDCD1	PTCRA	TNF	<i>GAPDH</i>
C	BCL2L1	CD3D	CD8A	FYN	HLA-DRB1	IL2	LAG3	NCK1	PDCD1LG2	PTPN11	TNFRSF18	<i>LDHA</i>
D	CALM1	CD3E	CD8B	GSK3B	HNFI1A	IL21	LCK	NCOR2	PDPK1	PTPN2	TNFRSF4	<i>NONO</i>
E	CD2	CD3G	CSF2	HAVCR2	ICOS	IL4	LCP2	NFATC1	PIK3CA	PTPN6	TNFRSF9	<i>PPIH</i>
F	CD247	CD4	CSK	HLA-DPA1	ICOSLG	IL7	MAP2K1	NFATC2	PIK3CB	SKP2	TNFSF14	<i>GDC</i>
G	CD27	CD47	CTLA4	HLA-DPB1	IFNG	IRF4	MAP3K7	NFKB1	PIK3CD	STAT3	VEGFA	<i>PPC</i>
H	CD274	CD7	DPP4	HLA-DQA1	IL10	IRF6	MAPK1	NFKB1A	PIK3CG	TIGIT	ZAP70	<i>NTC</i>



* gene selection may be updated based on new research and development

GeneQueryTM Human CTLA4 Checkpoint Pathway qPCR Array Kit (Cat. #GK122)

Designed to facilitate gene expression profiling of 88 key genes involved in human CTLA4 checkpoint pathway, and to help identify potential prognostic biomarkers for cancer immunotherapy.

Note: all gene names follow their official symbols by HGNC

	1	2	3	4	5	6	7	8	9	10	11	12
A	AKT1	BCL6	CD28	CD86	EOMES	HLA-B	ICOS	MALT1	PDCD1LG2	PLD1	TBX21	<i>ACTB</i>
B	AKT2	CARD11	CD3D	CD8A	FOS	HLA-C	ICOSLG	MKI67	PDPK1	PRDM1	TGFB1	<i>GAPDH</i>
C	AKT3	CCR6	CD3E	CD8B	FOXP3	HLA-DPA1	IL2RA	MYC	PIK3CA	PTCRA	TNFRSF18	<i>LDHA</i>
D	ARF1	CD160	CD3G	CDKN1B	GATA3	HLA-DPB1	IL7R	NCOR2	PIK3CB	PTPN11	TNFRSF4	<i>NONO</i>
E	BATF	CD247	CD4	CSK	GRAP2	HLA-DQA1	JUN	NFATC2	PIK3CD	PTPN2	TNFRSF9	<i>PPIH</i>
F	BCL10	CD27	CD44	CTLA4	GRB2	HLA-DQB1	KLRB1	NFKB1	PIK3CG	PTPN6	TRAT1	<i>GDC</i>
G	BCL2	CD274	CD69	CXCR3	HAVCR2	HLA-DRA	LAG3	NFKB2	PIK3R1	SELL	VAV1	<i>PPC</i>
H	BCL2L1	CD276	CD80	CXCR5	HLA-A	HLA-DRB1	LCK	PDCD1	PIK3R2	SNX9	ZAP70	<i>NTC</i>



* gene selection may be updated based on new research and development

