

TaqMan® PDARs

Gene Expression Targets

TaqMan PDARs can detect and quantify gene expression (cDNA) of specific gene targets. Gene expression reagents for human and mouse cytokines are now available.

Allelic Discrimination Assays

TaqMan PDARs for AD use in the 5' nuclease assay to genotype purified DNA samples for specific mutations. Most AD PDARs discriminate between two alleles of single nucleotide polymorphisms (SNPs). Each assay includes two different TaqMan probes each labeled with a unique reporter dye to preferentially bind to one of the alleles.

Endogenous Controls

Endogenous control reagents allow the normalization of the target's gene expression to another gene that is constantly expressed across samples.

PRICING

"P" PART #: \$800
"E" PART #: \$550
ALLELIC DISCRIMINATION: \$995

BULK PRICING AVAILABLE

Gene Expression Targets

Components include reagents for 200 50 µl reactions, 20X target mix (primers/probe |FAM|), and TaqMan® Universal PCR Master Mix.

Human Cytokines

DESCRIPTION	PART #
CD23	4312862P
CD25	4309899P
CD69	4312850P
G-CSF	4309901P
GM-CSF	4309902P
IFN gamma	4309890P
IL-1 alpha	4309880P
IL-1 beta	4309881P
IL-2	4309882P
IL-3	4309893P
IL-4	4309883P
IL-5	4309884P
IL-6	4309894P
IL-7	4309895P
IL-8	4309885P
IL-10	4309886P
IL-12p35	4309887P
IL-12p40	4309888P
IL-13	4309896P
IL-15	4309889P
IL-17	4309897P
IL-18	4309898P
Lumphotoxin beta	4309903P

M-CSF	4309904P
TGF beta	4309891P
TNF beta	4309906P

Human Chemokines & Chemokine Receptors

DESCRIPTION	PART #
6Ckine	4312826P
CCR-1	4312816P
CCR-2	4312817P
CCR-3	4312818P
CCR-4	4312819P
CCR-5	4316064P
CXCR-5 (BLR-1)	4312823P
Eotaxin	4312830P
IP-10	4312833P
Lymphotactin	4312835P
MCP-1	4312836P
MCP-2	4312837P
MCP-3	4312838P
MCP-4	4312839P
MDC	4312840P
MIP-1 alpha	4312841P
MIP-1 beta	4312842P
MIP-3 alpha	4312843P
RANTES	4312846P

Human Apoptosis Markers

DESCRIPTION	PART #
Fas	4321849P

Human Cell & Growth Regulators

DESCRIPTION	PART #
AIB1	4312860P
beta-Catenin	4312853P
CDK-4	4312854P
Cyclin D1	4312859P
Erb-b2	4312861P
FAA	4312855P
PI3K p110 subunit	4312852P
PTEN	4312851P
ZABC1	4312856P

Mouse Chemokines & Chemokine Receptors

DESCRIPTION	PART #
CCR-3	4312890P
CCR-4	4312891P
CCR-5	4312892P
CXCR-2	4312897P
CXCR-3	4312898P
CXCR-4	4312899P
CXCR-5 (BLR-1)	4312900P

MCP-1	4312869P
MCP-3	4312870P
MIP-1 alpha	4312875P
RANTES	4312879P
TARC	4312880P

Mouse Cytokines

DESCRIPTION	PART #
IL-1 alpha	4309907P
IL-1 beta	4309908P
IL-2	4309909P
IL-3	4312884P
IL-4	4312885P
IL-5	4312910P
IL-6	4312911P
IL-10	4312912P
IL-12p35	4312886P
IL-12p40	4309913P
IL-13	4309914P
GM-CSF	4309915P
IFN gamma	4312887P
TNF gamma	4309916P

Allelic Discrimination

Components include reagents for 200 50 µl reactions, 20X target mix (primers/probe [FAM]), and TaqMan® Universal PCR Master Mix.

Cytochrome P4450

AD ASSAY	MUTATION	PART #
CYP2C9*2	C440T	4312559
CYP2C9*3	A1087C	4312560
CYP2C19*2	G681A	4312561
CYP2C19*3	G636A	4312562
CYP2D6*3	A2637 (deletion)	4312554
CYP2D6*4	G1934A	4312555
CYP2D6*6	T1795 (deletion)	4312556
CYP2D6*7	A3023C	4312557
CYP2D6*8	G1846T	4312558

Endogenous Controls (Human)

Components include reagents for 1000 50 µl reactions, 20X control mix (primers/probes [VIC]).

DESCRIPTION	PART #
182 RNA	4310893E
huGAPDH	4310884E
huBeta-actin	4310881E
huCYC	4310883E
huPGK	4310885E
huPO	4310879E

hu2B2M	4310886E
huGUS	4310888E
huTfR	4310892E
huHPRT	4310890E
huTBP	4310891E