

miRCURY LNA miRNA miRNome PCR Panels

Human Panel 5, V6 Product Data Sheet

Cat. no. 339322 YAHS-305X

For mature miRNA expression profiling using real-time PCR

Format	Suitable real-time cyclers	Plate	Cat. no.
E	Applied Biosystems® models 7900HT (384-well block), ViiA™ 7 (384-well block); Bio-Rad CFX384™	384-well	YAHS-305XE
G	Roche® LightCycler® 480 (384-well block)	384-well	YAHS-305XG

Description

The miRCURY LNA miRNA miRNome PCR Panels profile the expression of hundreds of the most abundantly expressed and best characterized miRNA sequences in the a given species-specific miRNome as annotated in miRBase (www.mirbase.org). Although they are well characterized, each of these miRNA sequences can regulate one to several messenger RNA transcripts, and conversely one mRNA can be regulated by one to several miRNA sequences. Therefore, the complex role that any given known miRNA sequence plays has yet to be completely defined. Use of the miRCURY LNA miRNA miRNome PCR Panels maximizes the likelihood of discovering miRNA sequences whose expression patterns correlate with the biological phenotypes under study. A set of controls included on each plate enables data analysis using the $\Delta\Delta C_q$ method of relative quantification, assessment of reverse transcription performance, and assessment of PCR performance. The miRCURY LNA miRNA miRNome PCR Panels enable easy and reliable, SYBR Green-based real-time PCR analysis of the expression of miRNA sequences and discovery of those most important to the research area of interest.

For further details, consult the *miRCURY LNA™ miRCURY LNA™ miRNA Focus PCR Panels Handbook*.

Array Layout

15	16	17	18	19	20	21	22	23	24
hsa-miR-4746-5p	hsa-miR-5585-5p	hsa-miR-3606-3p	hsa-miR-3180	hsa-miR-3911	hsa-miR-4505	hsa-miR-6505-3p	hsa-miR-3691-3p	hsa-miR-4727-5p	hsa-miR-4444
hsa-miR-5088-5p	hsa-miR-3617-3p	hsa-miR-376a-2-5p	hsa-miR-4776-5p	hsa-miR-3180-5p	hsa-miR-4520-2-3p	hsa-miR-4779	hsa-miR-4516	hsa-miR-4525	hsa-miR-4530
hsa-miR-3975	hsa-miR-3925-3p	hsa-miR-4738-3p	hsa-miR-376b-5p	hsa-miR-550a-3-5p	hsa-miR-3973	hsa-miR-4454	hsa-miR-4468	hsa-miR-4708-3p	hsa-miR-3913-3p
hsa-miR-4529-5p	hsa-miR-4457	hsa-miR-5010-5p	hsa-miR-548as-3p	hsa-miR-4420	hsa-miR-1275	hsa-miR-5190	hsa-miR-4489	hsa-miR-4662b	hsa-miR-4725-5p
hsa-miR-4700-3p	hsa-miR-4705	hsa-miR-4490	hsa-miR-3189-5p	hsa-miR-5002-5p	hsa-miR-4653-3p	hsa-miR-4685-5p	hsa-miR-3934-3p	hsa-miR-548av-5p	hsa-miR-4703-5p
hsa-miR-5585-3p	hsa-miR-548au-3p	hsa-miR-4694-5p	hsa-miR-3129-3p	hsa-miR-4756-3p	hsa-miR-5685	hsa-miR-3620-3p	hsa-miR-4713-3p	hsa-miR-4778-3p	hsa-miR-4685-3p
hsa-miR-4645-5p	hsa-miR-548ay-3p	hsa-miR-5705	hsa-miR-4428	hsa-miR-5010-3p	hsa-miR-3614-5p	hsa-miR-4438	hsa-miR-4793-5p	hsa-miR-2277-3p	hsa-miR-5001-3p
hsa-miR-4425	hsa-miR-4794	hsa-miR-4763-5p	hsa-miR-4801	hsa-miR-4757-5p	hsa-miR-548ay-5p	hsa-miR-659-5p	hsa-miR-5695	hsa-miR-378d	hsa-miR-1271-3p
hsa-miR-5739	hsa-miR-4670-5p	hsa-miR-4647	hsa-miR-4281	hsa-miR-1255b-2-3p	hsa-miR-4663	hsa-miR-4662a-5p	hsa-miR-4654	hsa-miR-548aa-3p	hsa-miR-4713-5p
hsa-miR-4796-3p	hsa-miR-6068	hsa-miR-5007-3p	hsa-miR-5588-3p	hsa-miR-3150b-5p	hsa-miR-3157-3p	hsa-miR-4643	hsa-miR-4761-5p	hsa-miR-4758-3p	hsa-miR-4720-3p
hsa-miR-4769-3p	hsa-miR-6506-5p	hsa-miR-4680-3p	hsa-miR-4772-5p	hsa-miR-584-3p	hsa-miR-6069	hsa-miR-3944-5p	hsa-miR-6070	hsa-miR-4638-5p	hsa-miR-4742-5p
hsa-miR-4512	hsa-miR-4495	hsa-miR-5586-3p	hsa-miR-378i	hsa-miR-378h	hsa-miR-548ad-3p	hsa-miR-4724-3p	hsa-miR-4741	hsa-miR-4662a-3p	hsa-miR-4637
hsa-miR-5585-5p	hsa-miR-5589-5p	hsa-miR-4762-3p	hsa-miR-550b-2-5p	hsa-miR-4694-3p	hsa-miR-4666a-3p	hsa-miR-5691	hsa-miR-5197-5p	hsa-miR-2392	hsa-miR-548z
hsa-miR-6076	hsa-miR-6077	hsa-miR-6078	hsa-miR-6079	hsa-miR-6080	hsa-miR-6508-3p	hsa-miR-6509-3p	hsa-miR-6086	hsa-miR-6124	hsa-miR-6126
hsa-miR-6501-5p	hsa-miR-6502-3p	hsa-miR-6503-3p	hsa-miR-6503-5p	hsa-miR-6504-3p	hsa-miR-6504-5p	hsa-miR-6509-5p	hsa-miR-6510-5p	hsa-miR-6511b-5p	hsa-miR-6512-5p
SNORD49A (hsa)	U6 snRNA (v2)	cel-miR-39-3p	UniSp2	UniSp4	UniSp5	UniSp6	UniSp3	UniSp3	UniSp3

5	6	7	8	9	10	11	12	13	14
hsa-miR-4677-3p	hsa-miR-4432	hsa-miR-4718	hsa-miR-1285-5p	hsa-miR-4728-3p	dre-miR-1306	hsa-miR-499b-5p	hsa-miR-3940-5p	hsa-miR-5681a	hsa-miR-4682
hsa-miR-3978	hsa-miR-4712-3p	hsa-miR-4776-3p	hsa-miR-4423-5p	hsa-miR-4633-3p	hsa-miR-3190-5p	hsa-miR-5090	hsa-miR-5584-5p	hsa-miR-5195-5p	hsa-miR-5583-3p
hsa-miR-4684-5p	hsa-miR-4791	hsa-miR-5699-3p	hsa-miR-4775	hsa-miR-3136-3p	hsa-miR-4701-3p	hsa-miR-3194-3p	hsa-miR-3184-3p	hsa-miR-548at-5p	hsa-miR-4439
hsa-miR-3156-3p	hsa-miR-4691-3p	hsa-miR-5003-5p	hsa-miR-4513	hsa-miR-378j	hsa-miR-3187-5p	hsa-miR-4798-5p	hsa-miR-3622b-5p	hsa-miR-762	hsa-miR-4756-5p
hsa-miR-4473	hsa-miR-3609	hsa-miR-4529-3p	hsa-miR-4503	hsa-miR-4509	hsa-miR-3936	hsa-miR-4435	hsa-miR-4726-3p	hsa-miR-4642	hsa-miR-3529-3p
hsa-miR-660-3p	hsa-miR-4743-3p	hsa-miR-4494	hsa-miR-4750-3p	hsa-miR-495-5p	hsa-miR-4797-5p	hsa-miR-664b-3p	hsa-miR-503-3p	hsa-miR-4999-3p	hsa-miR-3692-5p
hsa-miR-5089-3p	hsa-miR-548ar-5p	hsa-miR-548ap-5p	hsa-miR-4418	hsa-miR-5692a	hsa-miR-5692c	hsa-miR-2277-5p	hsa-miR-4699-3p	hsa-miR-4434	hsa-miR-4755-3p
hsa-miR-4650-3p	hsa-miR-4783-5p	hsa-miR-371b-3p	hsa-miR-642a-3p	hsa-miR-3140-5p	hsa-miR-5582-3p	hsa-miR-548ai	hsa-miR-3663-5p	hsa-miR-4519	hsa-miR-3197
hsa-miR-548ac	hsa-miR-548az-3p	hsa-miR-548ab	hsa-miR-3615	hsa-miR-4789-3p	hsa-miR-4677-5p	hsa-miR-4797-3p	hsa-miR-548az-5p	hsa-miR-6505-5p	hsa-miR-3922-5p
hsa-miR-4796-5p	hsa-miR-2682-5p	hsa-miR-4764-3p	hsa-miR-4445-3p	hsa-miR-4711-3p	hsa-miR-1245b-3p	hsa-miR-5787	hsa-miR-4696	hsa-miR-5581-5p	hsa-miR-4465
hsa-miR-6506-3p	hsa-miR-4723-3p	hsa-miR-4658	hsa-miR-4790-5p	hsa-miR-4496	hsa-miR-4768-5p	hsa-miR-5002-3p	hsa-miR-5188	hsa-miR-548ag	hsa-miR-4320
hsa-miR-5591-3p	hsa-miR-1229-3p	hsa-miR-4524a-3p	hsa-miR-4798-3p	hsa-miR-3974	hsa-miR-3127-3p	hsa-miR-3178	hsa-miR-5584-3p	hsa-miR-151b	hsa-miR-3928-3p
hsa-miR-4698	hsa-miR-4657	hsa-miR-6071	hsa-miR-4632-3p	hsa-miR-4664-5p	hsa-miR-5003-3p	hsa-miR-365a-5p	hsa-miR-5579-5p	hsa-miR-6072	hsa-miR-4760-5p
hsa-miR-4507	hsa-miR-4697-5p	hsa-miR-1178-5p	hsa-miR-1229-5p	hsa-miR-1233-5p	hsa-miR-1236-5p	hsa-miR-1237-5p	hsa-miR-6073	hsa-miR-6074	hsa-miR-6075
hsa-miR-6131	hsa-miR-6132	hsa-miR-6133	hsa-miR-6134	hsa-miR-6165	hsa-miR-6499-3p	hsa-miR-6499-5p	hsa-miR-6500-3p	hsa-miR-6500-5p	hsa-miR-6501-3p
hsa-miR-6515-3p	hsa-miR-6515-5p	hsa-miR-6715a-3p	hsa-miR-6715b-5p	hsa-miR-6716-3p	hsa-miR-6716-5p	hsa-miR-6717-5p	BlankSpot	SNORD44 (hsa)	SNORD38B (hsa)

	1	2	3	4
A	hsa-miR-4757-3p	hsa-miR-5703	hsa-miR-5692b	hsa-miR-4773
B	hsa-miR-3120-5p	hsa-miR-5689	hsa-miR-4722-5p	hsa-miR-4446-3p
C	hsa-miR-5688	hsa-miR-5008-3p	hsa-miR-3929	hsa-miR-4742-3p
D	hsa-miR-1269b	hsa-miR-5187-5p	hsa-miR-4753-5p	hsa-miR-376c-5p
E	hsa-miR-5000-3p	hsa-miR-4739	hsa-miR-4433a-5p	hsa-miR-3927-5p
F	hsa-miR-4747-3p	hsa-miR-4728-5p	hsa-miR-3145-5p	hsa-miR-4706
G	hsa-miR-122b-3p	hsa-miR-4673	hsa-miR-4768-3p	hsa-miR-3064-3p
H	hsa-miR-4793-3p	hsa-miR-4709-5p	hsa-miR-4738-5p	hsa-miR-4753-3p
I	hsa-miR-204-3p	hsa-miR-4450	hsa-miR-4504	hsa-miR-5189-5p
J	hsa-miR-1225-3p	hsa-miR-4690-3p	hsa-miR-5589-3p	hsa-miR-3689c
K	hsa-miR-548ax	hsa-miR-4704-5p	hsa-miR-3972	hsa-miR-5011-3p
L	hsa-miR-3663-3p	hsa-miR-4659a-3p	hsa-miR-4699-5p	hsa-miR-5009-5p
M	hsa-miR-4660	hsa-miR-4493	hsa-miR-4734	hsa-miR-6507-5p
N	hsa-miR-4684-3p	hsa-miR-4688	hsa-miR-4695-5p	hsa-miR-3188
O	hsa-miR-6127	hsa-miR-6128	hsa-miR-6129	hsa-miR-6130
P	hsa-miR-6513-3p	hsa-miR-6513-5p	hsa-miR-6514-3p	hsa-miR-6514-5p

miRNA Table

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
A01	hsa-miR-4757-3p	MIMAT0019902	YP02118705	I01	hsa-miR-204-3p	MIMAT0022693	YP02113689
A02	hsa-miR-5703	MIMAT0022496	YP02113499	I02	hsa-miR-4450	MIMAT0018971	YP02107801
A03	hsa-miR-5692b	MIMAT0022497	YP02102673	I03	hsa-miR-4504	MIMAT0019040	YP02100624
A04	hsa-miR-4773	MIMAT0019928	YP02113507	I04	hsa-miR-5189-5p	MIMAT0021120	YP02101590
A05	hsa-miR-4677-3p	MIMAT0019761	YP02114408	I05	hsa-miR-548ac	MIMAT0018938	YP02118887
A06	hsa-miR-4432	MIMAT0018948	YP02106170	I06	hsa-miR-548az-3p	MIMAT0025457	YP02119349
A07	hsa-miR-4718	MIMAT0019831	YP02110067	I07	hsa-miR-548ab	MIMAT0018928	YP02109941
A08	hsa-miR-1285-5p	MIMAT0022719	YP02118966	I08	hsa-miR-3615	MIMAT0017994	YP02106599
A09	hsa-miR-4728-3p	MIMAT0019850	YP02118404	I09	hsa-miR-4789-3p	MIMAT0019960	YP02110273
A10	dre-miR-1306	MIMAT0028210	YP02105660	I10	hsa-miR-4677-5p	MIMAT0019760	YP02110460
A11	hsa-miR-499b-5p	MIMAT0019897	YP02116465	I11	hsa-miR-4797-3p	MIMAT0019973	YP02116034
A12	hsa-miR-3940-5p	MIMAT0019229	YP02114897	I12	hsa-miR-548az-5p	MIMAT0025456	YP02117220
A13	hsa-miR-5681a	MIMAT0022469	YP02117877	I13	hsa-miR-6505-5p	MIMAT0025466	YP02109966
A14	hsa-miR-4682	MIMAT0019767	YP02105579	I14	hsa-miR-3922-5p	MIMAT0019227	YP02113921
A15	hsa-miR-4746-5p	MIMAT0019880	YP02113549	I15	hsa-miR-5739	MIMAT0023116	YP02118381
A16	hsa-miR-5583-5p	MIMAT0022281	YP02119415	I16	hsa-miR-4670-5p	MIMAT0019750	YP02110349
A17	hsa-miR-3606-3p	MIMAT0022965	YP02108816	I17	hsa-miR-4647	MIMAT0019709	YP02103494
A18	hsa-miR-3180	MIMAT0018178	YP02100211	I18	hsa-miR-4281	MIMAT0016907	YP02119448
A19	hsa-miR-3911	MIMAT0018185	YP02104224	I19	hsa-miR-1255b-2-3p	MIMAT0022725	YP02104394
A20	hsa-miR-4505	MIMAT0019041	YP02100715	I20	hsa-miR-4663	MIMAT0019735	YP02115216
A21	hsa-miR-6505-3p	MIMAT0025467	YP02104161	I21	hsa-miR-4662a-5p	MIMAT0019731	YP02115325
A22	hsa-miR-3691-3p	MIMAT0019224	YP02101388	I22	hsa-miR-4654	MIMAT0019720	YP02113601
A23	hsa-miR-4727-5p	MIMAT0019847	YP02110633	I23	hsa-miR-548aa-3p	MIMAT0021030	YP02119455
A24	hsa-miR-4444	MIMAT0018962	YP02101842	I24	hsa-miR-4713-5p	MIMAT0019820	YP02111735
B01	hsa-miR-3120-5p	MIMAT0019198	YP02108916	J01	hsa-miR-1225-3p	MIMAT0005573	YP02114067
B02	hsa-miR-5689	MIMAT0022481	YP02110675	J02	hsa-miR-4690-3p	MIMAT0019780	YP02108184
B03	hsa-miR-4722-5p	MIMAT0019836	YP02103297	J03	hsa-miR-5589-3p	MIMAT0022298	YP02103230
B04	hsa-miR-4446-3p	MIMAT0018965	YP02102613	J04	hsa-miR-3689c	MIMAT0019007	YP02113684
B05	hsa-miR-3978	MIMAT0019363	YP02117756	J05	hsa-miR-4796-5p	MIMAT0019970	YP02101503
B06	hsa-miR-4712-3p	MIMAT0019819	YP02102929	J06	hsa-miR-2682-5p	MIMAT0013517	YP02101607
B07	hsa-miR-4776-3p	MIMAT0019933	YP02103595	J07	hsa-miR-4764-3p	MIMAT0019915	YP02104048
B08	hsa-miR-4423-5p	MIMAT0019232	YP02116196	J08	hsa-miR-4445-3p	MIMAT0018964	YP02115453
B09	hsa-miR-4633-3p	MIMAT0019690	YP02102111	J09	hsa-miR-4711-3p	MIMAT0019817	YP02108632
B10	hsa-miR-3190-5p	MIMAT0015073	YP02104632	J10	hsa-miR-1245b-3p	MIMAT0019951	YP02111711
B11	hsa-miR-5090	MIMAT0021082	YP02109448	J11	hsa-miR-5787	MIMAT0023252	YP02119640
B12	hsa-miR-5584-5p	MIMAT0022283	YP02105488	J12	hsa-miR-4696	MIMAT0019790	YP02116605
B13	hsa-miR-5195-5p	MIMAT0021126	YP02107913	J13	hsa-miR-5581-5p	MIMAT0022275	YP02116140
B14	hsa-miR-5583-3p	MIMAT0022282	YP02103724	J14	hsa-miR-4465	MIMAT0018992	YP02116480
B15	hsa-miR-5088-5p	MIMAT0021080	YP02102004	J15	hsa-miR-4796-3p	MIMAT0019971	YP02118178
B16	hsa-miR-3617-3p	MIMAT0022966	YP02111742	J16	hsa-miR-6068	MIMAT0023693	YP02105247
B17	hsa-miR-376a-2-5p	MIMAT0022928	YP02103763	J17	hsa-miR-5007-3p	MIMAT0021036	YP02105202
B18	hsa-miR-4776-5p	MIMAT0019932	YP02118311	J18	hsa-miR-5588-3p	MIMAT0022296	YP02115355
B19	hsa-miR-3180-5p	MIMAT0015057	YP02113327	J19	hsa-miR-3150b-5p	MIMAT0019226	YP02108329
B20	hsa-miR-4520-2-3p	MIMAT0020300	YP02118548	J20	hsa-miR-3157-3p	MIMAT0019210	YP02105632
B21	hsa-miR-4779	MIMAT0019938	YP02109279	J21	hsa-miR-4643	MIMAT0019703	YP02113643
B22	hsa-miR-4516	MIMAT0019053	YP02112882	J22	hsa-miR-4761-5p	MIMAT0019908	YP02108787
B23	hsa-miR-4525	MIMAT0019064	YP02111531	J23	hsa-miR-4758-3p	MIMAT0019904	YP02118014
B24	hsa-miR-4530	MIMAT0019069	YP02105012	J24	hsa-miR-4720-3p	MIMAT0019834	YP02108093
C01	hsa-miR-5688	MIMAT0022479	YP02115742	K01	hsa-miR-548ax	MIMAT0022474	YP02118201

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
C02	hsa-miR-5008-3p	MIMAT0021040	YP02112563	K02	hsa-miR-4704-5p	MIMAT0019803	YP02115935
C03	hsa-miR-3929	MIMAT0018206	YP02116898	K03	hsa-miR-3972	MIMAT0019357	YP02105947
C04	hsa-miR-4742-3p	MIMAT0019873	YP02102892	K04	hsa-miR-5011-3p	MIMAT0021046	YP02113764
C05	hsa-miR-4684-5p	MIMAT0019769	YP02107585	K05	hsa-miR-6506-3p	MIMAT0025469	YP02109545
C06	hsa-miR-4791	MIMAT0019963	YP02104047	K06	hsa-miR-4723-3p	MIMAT0019839	YP02105274
C07	hsa-miR-5699-3p	MIMAT0022492	YP02119458	K07	hsa-miR-4658	MIMAT0019725	YP02119620
C08	hsa-miR-4775	MIMAT0019931	YP02113269	K08	hsa-miR-4790-5p	MIMAT0019961	YP02107814
C09	hsa-miR-3136-3p	MIMAT0019203	YP02103774	K09	hsa-miR-4496	MIMAT0019031	YP02108046
C10	hsa-miR-4701-3p	MIMAT0019799	YP02119454	K10	hsa-miR-4768-5p	MIMAT0019920	YP02110525
C11	hsa-miR-3194-3p	MIMAT0019218	YP02119067	K11	hsa-miR-5002-3p	MIMAT0021024	YP02109038
C12	hsa-miR-3184-3p	MIMAT0022731	YP02115490	K12	hsa-miR-5188	MIMAT0021119	YP02119346
C13	hsa-miR-548at-5p	MIMAT0022277	YP02108691	K13	hsa-miR-548ag	MIMAT0018969	YP02102770
C14	hsa-miR-4439	MIMAT0018957	YP02113184	K14	hsa-miR-4320	MIMAT0016871	YP02107197
C15	hsa-miR-3975	MIMAT0019360	YP02107044	K15	hsa-miR-4769-3p	MIMAT0019923	YP02104105
C16	hsa-miR-3925-3p	MIMAT0019228	YP02105559	K16	hsa-miR-6506-5p	MIMAT0025468	YP02100686
C17	hsa-miR-4738-3p	MIMAT0019867	YP02118789	K17	hsa-miR-4680-3p	MIMAT0019765	YP02101178
C18	hsa-miR-376b-5p	MIMAT0022923	YP02109956	K18	hsa-miR-4772-5p	MIMAT0019926	YP02115719
C19	hsa-miR-550a-3-5p	MIMAT0020925	YP02100573	K19	hsa-miR-584-3p	MIMAT0022708	YP02109832
C20	hsa-miR-3973	MIMAT0019358	YP02105898	K20	hsa-miR-6069	MIMAT0023694	YP02119643
C21	hsa-miR-4454	MIMAT0018976	YP02114119	K21	hsa-miR-3944-5p	MIMAT0019231	YP02110628
C22	hsa-miR-4468	MIMAT0018995	YP02119414	K22	hsa-miR-6070	MIMAT0023695	YP02116476
C23	hsa-miR-4708-3p	MIMAT0019810	YP02113933	K23	hsa-miR-4638-5p	MIMAT0019695	YP02117139
C24	hsa-miR-3913-3p	MIMAT0019225	YP02113656	K24	hsa-miR-4742-5p	MIMAT0019872	YP02103400
D01	hsa-miR-1269b	MIMAT0019059	YP02105174	L01	hsa-miR-3663-3p	MIMAT0018085	YP02119418
D02	hsa-miR-5187-5p	MIMAT0021117	YP02116675	L02	hsa-miR-4659a-3p	MIMAT0019727	YP02100136
D03	hsa-miR-4753-5p	MIMAT0019890	YP02101410	L03	hsa-miR-4699-5p	MIMAT0019794	YP02108533
D04	hsa-miR-376c-5p	MIMAT0022861	YP02105282	L04	hsa-miR-5009-5p	MIMAT0021041	YP02107327
D05	hsa-miR-3156-3p	MIMAT0019209	YP02106491	L05	hsa-miR-5591-3p	MIMAT0022302	YP02117651
D06	hsa-miR-4691-3p	MIMAT0019782	YP02102608	L06	hsa-miR-1229-3p	MIMAT0005584	YP02119607
D07	hsa-miR-5003-5p	MIMAT0021025	YP02110201	L07	hsa-miR-4524a-3p	MIMAT0019063	YP02109562
D08	hsa-miR-4513	MIMAT0019050	YP02110923	L08	hsa-miR-4798-3p	MIMAT0019975	YP02105074
D09	hsa-miR-378j	MIMAT0024612	YP02117697	L09	hsa-miR-3974	MIMAT0019359	YP02103868
D10	hsa-miR-3187-5p	MIMAT0019216	YP02110153	L10	hsa-miR-3127-3p	MIMAT0019201	YP02100657
D11	hsa-miR-4798-5p	MIMAT0019974	YP02104836	L11	hsa-miR-3178	MIMAT0015055	YP02100320
D12	hsa-miR-3622b-5p	MIMAT0018005	YP02113236	L12	hsa-miR-5584-3p	MIMAT0022284	YP02102452
D13	hsa-miR-762	MIMAT0010313	YP02119423	L13	hsa-miR-151b	MIMAT0010214	YP02110935
D14	hsa-miR-4756-5p	MIMAT0019899	YP02105920	L14	hsa-miR-3928-3p	MIMAT0018205	YP02111343
D15	hsa-miR-4529-5p	MIMAT0019236	YP02102902	L15	hsa-miR-4512	MIMAT0019049	YP02113646
D16	hsa-miR-4457	MIMAT0018979	YP02103909	L16	hsa-miR-4495	MIMAT0019030	YP02114014
D17	hsa-miR-5010-5p	MIMAT0021043	YP02106494	L17	hsa-miR-5586-3p	MIMAT0022288	YP02109152
D18	hsa-miR-548as-3p	MIMAT0022268	YP02108615	L18	hsa-miR-378i	MIMAT0019074	YP02119362
D19	hsa-miR-4420	MIMAT0018933	YP02117276	L19	hsa-miR-378h	MIMAT0018984	YP02101913
D20	hsa-miR-1275	MIMAT0005929	YP02101914	L20	hsa-miR-548ad-3p	MIMAT0018946	YP02111820
D21	hsa-miR-5190	MIMAT0021121	YP02119377	L21	hsa-miR-4724-3p	MIMAT0019842	YP02116086
D22	hsa-miR-4489	MIMAT0019023	YP02101469	L22	hsa-miR-4741	MIMAT0019871	YP02106249
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D24	hsa-miR-4725-5p	MIMAT0019843	YP02114387	L24	hsa-miR-4637	MIMAT0019694	YP02101574
E01	hsa-miR-5000-3p	MIMAT0021020	YP02106843	M01	hsa-miR-4660	MIMAT0019728	YP02106968
E02	hsa-miR-4739	MIMAT0019868	YP02110996	M02	hsa-miR-4493	MIMAT0019028	YP02110202
E03	hsa-miR-4433a-5p	MIMAT0020956	YP02114971	M03	hsa-miR-4734	MIMAT0019859	YP02108428

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
E04	hsa-miR-3927-5p	MIMAT0022970	YP02116343	M04	hsa-miR-6507-5p	MIMAT0025470	YP02101463
E05	hsa-miR-4473	MIMAT0019000	YP02106035	M05	hsa-miR-4698	MIMAT0019793	YP02110425
E06	hsa-miR-3609	MIMAT0017986	YP02107756	M06	hsa-miR-4657	MIMAT0019724	YP02109302
E07	hsa-miR-4529-3p	MIMAT0019068	YP02118987	M07	hsa-miR-6071	MIMAT0023696	YP02100434
E08	hsa-miR-4503	MIMAT0019039	YP02109937	M08	hsa-miR-4632-3p	MIMAT0019688	YP02116820
E09	hsa-miR-4509	MIMAT0019046	YP02102368	M09	hsa-miR-4664-5p	MIMAT0019737	YP02104688
E10	hsa-miR-3936	MIMAT0018351	YP02104742	M10	hsa-miR-5003-3p	MIMAT0021026	YP02103453
E11	hsa-miR-4435	MIMAT0018951	YP02115241	M11	hsa-miR-365a-5p	MIMAT0009199	YP02107446
E12	hsa-miR-4726-3p	MIMAT0019846	YP02103341	M12	hsa-miR-5579-5p	MIMAT0022269	YP02103427
E13	hsa-miR-4642	MIMAT0019702	YP02107627	M13	hsa-miR-6072	MIMAT0023697	YP02105896
E14	hsa-miR-3529-3p	MIMAT0022741	YP02106413	M14	hsa-miR-4760-5p	MIMAT0019906	YP02102642
E15	hsa-miR-4700-3p	MIMAT0019797	YP02113909	M15	hsa-miR-5585-5p	MIMAT0022285	YP02116681
E16	hsa-miR-4705	MIMAT0019805	YP02102778	M16	hsa-miR-5589-5p	MIMAT0022297	YP02117154
E17	hsa-miR-4490	MIMAT0019025	YP02104753	M17	hsa-miR-4762-3p	MIMAT0019911	YP02101891
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E21	hsa-miR-4685-5p	MIMAT0019771	YP02113728	M21	hsa-miR-5691	MIMAT0022483	YP02102410
E22	hsa-miR-3934-3p	MIMAT0022975	YP02108518	M22	hsa-miR-5197-5p	MIMAT0021130	YP02106539
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F02	hsa-miR-4728-5p	MIMAT0019849	YP02105760	N02	hsa-miR-4688	MIMAT0019777	YP02106632
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F06	hsa-miR-4743-3p	MIMAT0022978	YP02112978	N06	hsa-miR-4697-5p	MIMAT0019791	YP02110543
F07	hsa-miR-4494	MIMAT0019029	YP02103631	N07	hsa-miR-1178-5p	MIMAT0022940	YP02112008
F08	hsa-miR-4750-3p	MIMAT0022979	YP02109761	N08	hsa-miR-1229-5p	MIMAT0022942	YP02107908
F09	hsa-miR-495-5p	MIMAT0022924	YP02116565	N09	hsa-miR-1233-5p	MIMAT0022943	YP02105468
F10	hsa-miR-4797-5p	MIMAT0019972	YP02102015	N10	hsa-miR-1236-5p	MIMAT0022945	YP02109228
F11	hsa-miR-664b-3p	MIMAT0022272	YP02111078	N11	hsa-miR-1237-5p	MIMAT0022946	YP02119348
F12	hsa-miR-503-3p	MIMAT0022925	YP02109611	N12	hsa-miR-6073	MIMAT0023698	YP02114330
F13	hsa-miR-4999-3p	MIMAT0021018	YP02116831	N13	hsa-miR-6074	MIMAT0023699	YP02106450
F14	hsa-miR-3692-5p	MIMAT0018121	YP02111748	N14	hsa-miR-6075	MIMAT0023700	YP02118362
F15	hsa-miR-5585-3p	MIMAT0022286	YP02115478	N15	hsa-miR-6076	MIMAT0023701	YP02111947
F16	hsa-miR-548au-3p	MIMAT0022292	YP02117096	N16	hsa-miR-6077	MIMAT0023702	YP02103758
F17	hsa-miR-4694-5p	MIMAT0019786	YP02101085	N17	hsa-miR-6078	MIMAT0023703	YP02104937
F18	hsa-miR-3129-3p	MIMAT0019202	YP02106263	N18	hsa-miR-6079	MIMAT0023704	YP02105595
F19	hsa-miR-4756-3p	MIMAT0019900	YP02109527	N19	hsa-miR-6080	MIMAT0023705	YP02117171
F20	hsa-miR-5685	MIMAT0022475	YP02101480	N20	hsa-miR-6508-3p	MIMAT0025473	YP02112150
F21	hsa-miR-3620-3p	MIMAT0018001	YP02109143	N21	hsa-miR-6509-3p	MIMAT0025475	YP02118144
F22	hsa-miR-4713-3p	MIMAT0019821	YP02117930	N22	hsa-miR-6086	MIMAT0023711	YP02107036
F23	hsa-miR-4778-3p	MIMAT0019937	YP02113533	N23	hsa-miR-6124	MIMAT0024597	YP02117732
F24	hsa-miR-4685-3p	MIMAT0019772	YP02115818	N24	hsa-miR-6126	MIMAT0024599	YP02119651
G01	hsa-miR-122b-3p	MIMAT0019877	YP02119380	O01	hsa-miR-6127	MIMAT0024610	YP02114505
G02	hsa-miR-4673	MIMAT0019755	YP02102822	O02	hsa-miR-6128	MIMAT0024611	YP02119353
G03	hsa-miR-4768-3p	MIMAT0019921	YP02110163	O03	hsa-miR-6129	MIMAT0024613	YP02113680
G04	hsa-miR-3064-3p	MIMAT0019865	YP02110730	O04	hsa-miR-6130	MIMAT0024614	YP02109513
G05	hsa-miR-5089-3p	MIMAT0022984	YP02117169	O05	hsa-miR-6131	MIMAT0024615	YP02102492

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
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G08	hsa-miR-4418	MIMAT0018930	YP02117035	O08	hsa-miR-6134	MIMAT0024618	YP02112380
G09	hsa-miR-5692a	MIMAT0022484	YP02119363	O09	hsa-miR-6165	MIMAT0024782	YP02117564
G10	hsa-miR-5692c	MIMAT0022476	YP02106294	O10	hsa-miR-6499-3p	MIMAT0025451	YP02104793
G11	hsa-miR-2277-5p	MIMAT0017352	YP02104427	O11	hsa-miR-6499-5p	MIMAT0025450	YP02117976
G12	hsa-miR-4699-3p	MIMAT0019795	YP02119478	O12	hsa-miR-6500-3p	MIMAT0025455	YP02101176
G13	hsa-miR-4434	MIMAT0018950	YP02115659	O13	hsa-miR-6500-5p	MIMAT0025454	YP02108457
G14	hsa-miR-4755-3p	MIMAT0019896	YP02105715	O14	hsa-miR-6501-3p	MIMAT0025459	YP02108442
G15	hsa-miR-4645-5p	MIMAT0019705	YP02108522	O15	hsa-miR-6501-5p	MIMAT0025458	YP02108075
G16	hsa-miR-548a-3p	MIMAT0025453	YP02110459	O16	hsa-miR-6502-3p	MIMAT0025461	YP02116807
G17	hsa-miR-5705	MIMAT0022499	YP02113091	O17	hsa-miR-6503-3p	MIMAT0025463	YP02119048
G18	hsa-miR-4428	MIMAT0018943	YP02119279	O18	hsa-miR-6503-5p	MIMAT0025462	YP02106551
G19	hsa-miR-5010-3p	MIMAT0021044	YP02109984	O19	hsa-miR-6504-3p	MIMAT0025465	YP02119354
G20	hsa-miR-3614-5p	MIMAT0017992	YP02108616	O20	hsa-miR-6504-5p	MIMAT0025464	YP02116070
G21	hsa-miR-4438	MIMAT0018956	YP02119615	O21	hsa-miR-6509-5p	MIMAT0025474	YP02102580
G22	hsa-miR-4793-5p	MIMAT0019965	YP02111009	O22	hsa-miR-6510-5p	MIMAT0025476	YP02101889
G23	hsa-miR-2277-3p	MIMAT0011777	YP02110810	O23	hsa-miR-6511b-5p	MIMAT0025847	YP02108808
G24	hsa-miR-5001-3p	MIMAT0021022	YP02101303	O24	hsa-miR-6512-5p	MIMAT0025480	YP02114608
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H03	hsa-miR-4738-5p	MIMAT0019866	YP02112441	P03	hsa-miR-6514-3p	MIMAT0025485	YP02117257
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H05	hsa-miR-4650-3p	MIMAT0019714	YP02116929	P05	hsa-miR-6515-3p	MIMAT0025487	YP02118952
H06	hsa-miR-4783-5p	MIMAT0019946	YP02108366	P06	hsa-miR-6515-5p	MIMAT0025486	YP02114457
H07	hsa-miR-371b-3p	MIMAT0019893	YP02108243	P07	hsa-miR-6715a-3p	MIMAT0025841	YP02109588
H08	hsa-miR-642a-3p	MIMAT0020924	YP02112940	P08	hsa-miR-6715b-5p	MIMAT0025842	YP02102216
H09	hsa-miR-3140-5p	MIMAT0019204	YP02105747	P09	hsa-miR-6716-3p	MIMAT0025845	YP02110812
H10	hsa-miR-5582-3p	MIMAT0022280	YP02111017	P10	hsa-miR-6716-5p	MIMAT0025844	YP02115284
H11	hsa-miR-548a	MIMAT0019899	YP02115184	P11	hsa-miR-6717-5p	MIMAT0025846	YP02102075
H12	hsa-miR-3663-5p	MIMAT0018084	YP02109334	P12	BlankSpot	N/A	YP02119291
H13	hsa-miR-4519	MIMAT0019056	YP02113093	P13	SNORD44 (hsa)	N/A	YP00203902
H14	hsa-miR-3197	MIMAT0015082	YP02118682	P14	SNORD38B (hsa)	N/A	YP00203901
H15	hsa-miR-4425	MIMAT0018940	YP02116995	P15	SNORD49A (hsa)	N/A	YP00203904
H16	hsa-miR-4794	MIMAT0019967	YP02114578	P16	U6 snRNA (v2)	N/A	YP02119464
H17	hsa-miR-4763-5p	MIMAT0019912	YP02110500	P17	cel-miR-39-3p	MIMAT0000010	YP00203952
H18	hsa-miR-4801	MIMAT0019980	YP02101187	V	UniSp2	N/A	YP00203950
H19	hsa-miR-4757-5p	MIMAT0019901	YP02117442	P19	UniSp4	N/A	YP00203953
H20	hsa-miR-548a-5p	MIMAT0025452	YP02100340	P20	UniSp5	N/A	YP00203955
H21	hsa-miR-659-5p	MIMAT0022710	YP02108749	P21	UniSp6	N/A	YP00203954
H22	hsa-miR-5695	MIMAT0022488	YP02115028	P22	UniSP3	N/A	YP02119288
H23	hsa-miR-378d	MIMAT0018926	YP02100497	P23	UniSP3	N/A	YP02119288
H24	hsa-miR-1271-3p	MIMAT0022712	YP02112839	P24	UniSP3	N/A	YP02119288

Ordering Information

Product	Contents	Cat. no.
miRCURY LNA miRNA Focus PCR Panels	miRCURY LNA miRNA PCR Panels for application-based miRNome profiling, available in 96-well or 384-well format; for SYBR® Green-based detection	339325
miRCURY LNA miRNA miRNome PCR Panels	miRCURY LNA miRNA PCR Panels for PCR-based miRNome profiling, available in 384-well format; for SYBR® Green-based detection	339322
miRCURY LNA miRNA QC PCR Panel	miRCURY LNA miRNA PCR Panel of quality control assays, available in 96-well or 384-well format; for SYBR® Green-based detection	339331
miRCURY LNA miRNA Custom PCR Panels	8 identical, ready-to-use 96- or 384-well plates; each well contains primers sufficient for one 10 µl reaction; for SYBR® Green-based detection	339330
miRCURY LNA Custom PCR Panel Additional Plate	Additional miRCURY LNA Custom PCR Panel plates; set of 4 plates; only available in addition to the base plates ordered through the core product (cat. no. 339330)	339332
miRCURY LNA miRNA PCR Assays	Contains forward and reverse primers for 200 SYBR® Green-based, real-time qPCR reactions, 166 EvaGreen-based digital PCR reactions for Nanoplate 8.5k or 50 EvaGreen-based digital PCR reactions for Nanoplate 26k	339306
miRCURY LNA miRNA Probe PCR Assays	Complete premixed assays containing LNA-enhanced target-specific forward primer and probe. For 200 reactions.	339350
miRCURY LNA miRNA Custom Probe PCR Assays	Custom-designed, target-specific forward primer and probe for any user-defined miRNA target. Complete premixed assay for 200 reactions.	339351

Related Products

Product	Contents	Cat. no.
miRCURY LNA RT Kit	For 8–64 cDNA synthesis reactions: 5x RT SYBR Green Reaction Buffer, 5x RT Probe Reaction Buffer, 10x RT Enzyme Mix, UniSp6, RNA Spike-in template, RNase-Free Water	339340
RNA Spike-In Kit, For RT	Contains the UniSp2, UniSp4, and UniSp5 RNA Spike-in Template Mix and the cel-miR-39-3p RNA Spike-in Template	339390
miRCURY LNA SYBR® Green PCR Kits (200)	For 200 reactions: 2X miRCURY SYBR Green Master Mix, RNase-Free Water	339345
miRCURY LNA SYBR® Green PCR Kits (600)	For 600 reactions: 2X miRCURY SYBR Green Master Mix, RNase-Free Water	339346
miRCURY LNA SYBR® Green PCR Kits (4000)	For 4000 reactions: 2X miRCURY SYBR Green Master Mix, RNase-Free Water	339347
miRCURY LNA Probe PCR Kit (200)	For 200 reactions: 2X QuantiNova Probe Master Mix, 10X miRCURY Probe Univ. Primer, Rox Reference Dye, RNase-Free Water	339371
miRCURY LNA Probe PCR Kit (800)	For 800 reactions: 2X QuantiNova Probe Master Mix, 10X miRCURY Probe Univ. Primer, Rox Reference Dye, RNase-Free Water	339372
miRCURY LNA Probe PCR Kit (4000)	For 4000 reactions: 2X QuantiNova Probe Master Mix, 10X miRCURY Probe Univ. Primer, Rox Reference Dye, RNase-Free Water	339373
miRCURY LNA miRNA PCR Starter Kit	Two miRCURY LNA PCR Assays of your choice, spike-in control Assay (UniSp6), one candidate endogenous control assay (miR-103-3p) and all reagents for 20 reverse transcription reactions and 100 PCR amplifications; for SYBR® Green-based qPCR detection	339320

Important

The miRCURY LNA™ miRNA PCR Panels are Ready-to-Use and designed for optimal performance with the miRCURY LNA RT Kit and the miRCURY LNA SYBR® Green PCR Kit. The performance of the primer sets will be affected when used in combination with less than optimal reagents. Use the miRCURY LNA miRNA PCR Panel Handbook for experiment setup. RNA work requires specific handling and precautions should be taken to prevent RNase contamination and degradation of the RNA sample and reagents.

Shipping and storage

The Ready-to-Use miRCURY LNA miRNA PCR Panels are shipped at room temperature and can be stored at 4°C for at least 6 months. For long term storage, it is recommended to place the panels at -20°C. Under these conditions, the LNA PCR primers are stable for at least 6 months after receipt.

Intended use

miRCURY LNA miRNA PCR Assays are intended for molecular biology applications. This product is not intended for the diagnosis, prevention or treatment of a disease.

Safety information

When working with chemicals, always wear a suitable lab coat, disposable gloves, and protective goggles. For more information, please consult the appropriate safety data sheets (SDSs). These are available online in convenient and compact PDF format at **www.qiagen.com/safety** where you can find, view and print the SDS for each QIAGEN kit and kit component.

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