

# miRCURY LNA miRNA miRNome PCR Panels

## Human Panel 4, V6 Product Data Sheet

Cat. no. 339322 YAHS-304X

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-304XE
G	Roche® LightCycler® 480 (384-well block)	384-well	YAHS-304XG

### 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](http://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-4641	hsa-miR-4460	hsa-miR-4487	hsa-miR-5579-3p	hsa-miR-4482-5p	hsa-miR-4788	hsa-miR-3977	hsa-miR-4531	hsa-miR-5011-5p	hsa-miR-4535
hsa-miR-5588-5p	hsa-miR-506-5p	hsa-miR-4769-5p	hsa-miR-4770	hsa-miR-5587-3p	hsa-miR-3177-5p	hsa-miR-4732-5p	hsa-miR-4693-3p	hsa-miR-4800-5p	hsa-miR-4781-5p
hsa-miR-5582-5p	hsa-miR-4666a-5p	hsa-miR-4717-5p	hsa-miR-3196	hsa-miR-1268b	hsa-miR-4709-3p	hsa-miR-4464	hsa-miR-4737	hsa-miR-664b-5p	hsa-miR-4679
hsa-miR-5590-3p	hsa-miR-5196-3p	hsa-miR-5701	hsa-miR-4524b-5p	hsa-miR-4640-3p	hsa-miR-548an	hsa-miR-4800-3p	hsa-miR-219b-3p	hsa-miR-4481	hsa-miR-4636
hsa-miR-3123	hsa-miR-4482-3p	hsa-miR-4716-5p	hsa-miR-4456	hsa-miR-4442	hsa-miR-5193	hsa-miR-4656	hsa-miR-1915-5p	hsa-miR-4748	hsa-miR-4725-3p
hsa-miR-4762-5p	hsa-miR-4675	hsa-miR-4680-5p	hsa-miR-4755-5p	hsa-miR-3173-5p	hsa-miR-4689	hsa-miR-3121-5p	hsa-miR-4652-3p	hsa-miR-4803	hsa-miR-1185-2-3p
hsa-miR-4693-5p	hsa-miR-3181	hsa-miR-4715-5p	hsa-miR-5697	hsa-miR-4722-3p	hsa-miR-514a-5p	hsa-miR-4772-3p	hsa-miR-1295b-5p	hsa-miR-4750-5p	hsa-miR-4455
hsa-miR-4802-5p	hsa-miR-4697-3p	hsa-miR-4476	hsa-miR-3677-3p	hsa-miR-5708	hsa-miR-4727-3p	hsa-miR-3191-5p	hsa-miR-4740-5p	hsa-miR-4540	hsa-miR-4421
hsa-miR-1304-3p	hsa-miR-5698	hsa-miR-203b-5p	hsa-miR-4501	hsa-miR-561-5p	hsa-miR-5007-5p	hsa-miR-4467	hsa-miR-3074-5p	hsa-miR-4266	hsa-miR-4676-3p
hsa-miR-4483	hsa-miR-4443	hsa-miR-3689f	hsa-miR-4723-5p	hsa-miR-548g-5p	hsa-miR-4683	hsa-miR-4786-3p	hsa-miR-2682-3p	hsa-miR-4804-3p	hsa-miR-1343-3p
hsa-miR-518e-5p	hsa-miR-518d-5p	hsa-miR-5683	hsa-miR-3189-3p	hsa-miR-4478	hsa-miR-4449	hsa-miR-5694	hsa-miR-4520-3p	hsa-miR-4759	hsa-miR-4506
hsa-miR-4474-5p	hsa-miR-378f	hsa-miR-4781-3p	hsa-miR-4524b-3p	hsa-miR-4668-3p	hsa-miR-5191	hsa-miR-5004-3p	hsa-miR-4650-5p	hsa-miR-5580-5p	hsa-miR-4735-3p
hsa-miR-4644	hsa-miR-5100	hsa-miR-4708-5p	hsa-miR-4646-5p	hsa-miR-518a-5p	hsa-miR-4686	hsa-miR-499b-3p	hsa-miR-4795-5p	hsa-miR-4424	hsa-miR-4652-5p
hsa-miR-4766-5p	hsa-miR-5196-5p	hsa-miR-5687	hsa-miR-4782-5p	hsa-miR-4422	hsa-miR-3686	hsa-miR-3192-5p	hsa-miR-4777-3p	hsa-miR-4710	hsa-miR-4446-5p
hsa-miR-4667-3p	hsa-miR-4537	hsa-miR-4451	hsa-miR-4517	hsa-miR-1469	hsa-miR-4520-5p	hsa-miR-3610	hsa-miR-5008-5p	hsa-miR-4681	hsa-miR-4695-3p
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-4786-5p	hsa-miR-4740-3p	hsa-miR-4790-3p	hsa-miR-4649-5p	hsa-miR-4499	hsa-miR-4436b-5p	hsa-miR-2861	hsa-miR-4751	hsa-miR-4458	hsa-miR-4744
hsa-miR-4661-5p	hsa-miR-4735-5p	hsa-miR-642b-5p	hsa-miR-4720-5p	hsa-miR-539-3p	hsa-miR-4767	hsa-miR-4649-3p	hsa-miR-4431	hsa-miR-5047	hsa-miR-4659b-5p
hsa-miR-4426	hsa-miR-4436a	hsa-miR-3976	hsa-miR-4777-5p	hsa-miR-4690-5p	hsa-miR-1185-1-3p	hsa-miR-1245b-5p	hsa-miR-3940-3p	hsa-miR-548as-5p	hsa-miR-3621
hsa-miR-4731-3p	hsa-miR-4764-5p	hsa-miR-3183	hsa-miR-4436b-3p	hsa-miR-4436b-3p	hsa-miR-4639-5p	hsa-miR-5707	hsa-miR-4780	hsa-miR-4701-5p	hsa-miR-2681-5p
hsa-miR-4711-5p	hsa-miR-3680-3p	hsa-miR-4668-5p	hsa-miR-4667-5p	hsa-miR-4667-5p	hsa-miR-4754	hsa-miR-3682-5p	hsa-miR-1295b-3p	hsa-miR-4648	hsa-miR-4447
hsa-miR-4692	hsa-miR-4475	hsa-miR-301a-5p	hsa-miR-873-3p	hsa-miR-4745-3p	hsa-miR-5089-5p	hsa-miR-2467-5p	hsa-miR-3117-5p	hsa-miR-4664-3p	hsa-miR-4721
hsa-miR-4761-3p	hsa-miR-5693	hsa-miR-5092	hsa-miR-4500	hsa-miR-5681b	hsa-miR-4707-3p	hsa-miR-4719	hsa-miR-4661-3p	hsa-miR-652-5p	hsa-miR-5006-5p
hsa-miR-718	hsa-miR-4514	hsa-miR-4633-5p	hsa-miR-378e	hsa-miR-4691-5p	hsa-miR-4676-5p	hsa-miR-548aw	hsa-miR-4510	hsa-miR-766-5p	hsa-miR-3124-3p
hsa-miR-4726-5p	hsa-miR-3664-3p	hsa-miR-4639-3p	hsa-miR-5682	hsa-miR-4538	hsa-miR-4703-3p	hsa-miR-371b-5p	hsa-miR-4771	hsa-miR-450a-2-3p	hsa-miR-4714-5p
hsa-miR-4749-5p	hsa-miR-4534	hsa-miR-4477a	hsa-miR-451b	hsa-miR-4670-3p	hsa-miR-4527	hsa-miR-4430	hsa-miR-548aj-3p	hsa-miR-5091	hsa-miR-3646
hsa-miR-4491	hsa-miR-4795-3p	hsa-miR-548ae-3p	hsa-miR-1238-5p	hsa-miR-5571-3p	hsa-miR-5680	hsa-miR-5580-3p	hsa-miR-5591-5p	hsa-miR-4802-3p	hsa-miR-548al
hsa-miR-513c-3p	hsa-miR-4671-3p	hsa-miR-548aa-5p	hsa-miR-4329	hsa-miR-4511	hsa-miR-3689a-3p	hsa-miR-4539	hsa-miR-4774-3p	hsa-miR-5093	hsa-miR-216a-3p
hsa-miR-5009-3p	hsa-miR-4440	hsa-miR-3064-5p	hsa-miR-4789-5p	hsa-miR-4453	hsa-miR-625-5p	hsa-miR-4423-3p	hsa-miR-4256	hsa-miR-4743-5p	hsa-miR-4646-3p
hsa-miR-4724-5p	hsa-miR-3529-5p	hsa-miR-5704	hsa-miR-4533	hsa-miR-4321	hsa-miR-5194	hsa-miR-4528	hsa-miR-5000-5p	hsa-miR-5700	hsa-miR-4729
hsa-miR-3677-5p	hsa-miR-4752	hsa-miR-3622a-3p	hsa-miR-4774-5p	hsa-miR-4665-3p	hsa-miR-4704-3p	hsa-miR-4433a-3p	hsa-miR-4747-5p	hsa-miR-4700-5p	hsa-miR-5590-5p
hsa-miR-5586-5p	hsa-miR-4733-3p	hsa-miR-548af-3p	hsa-miR-3150a-5p	hsa-miR-3138	hsa-miR-4712-5p	hsa-miR-4671-5p	BlankSpot	SNORD44 (hsa)	SNORD38B (hsa)

	1	2	3	4
A	hsa-miR-5192	hsa-miR-181b-3p	hsa-miR-4429	hsa-miR-548ah-5p
B	hsa-miR-4480	hsa-miR-4733-5p	hsa-miR-568	hsa-miR-548ao-5p
C	hsa-miR-4659b-3p	hsa-miR-4448	hsa-miR-4471	hsa-miR-211-3p
D	hsa-miR-4638-3p	hsa-miR-4765	hsa-miR-5696	hsa-miR-4522
E	hsa-miR-5581-3p	hsa-miR-5006-3p	hsa-miR-1228-3p	hsa-miR-4653-5p
F	hsa-miR-4736	hsa-miR-4523	hsa-miR-5571-5p	hsa-miR-4645-3p
G	hsa-miR-122b-5p	hsa-miR-5587-5p	hsa-miR-548ak	hsa-miR-2467-3p
H	hsa-miR-4783-3p	hsa-miR-4536-5p	hsa-miR-5094	hsa-miR-4655-5p
I	hsa-miR-4259	hsa-miR-3619-3p	hsa-miR-3688-5p	hsa-miR-4437
J	hsa-miR-1247-3p	hsa-miR-4521	hsa-miR-203b-3p	hsa-miR-4666b
K	hsa-miR-345-3p	hsa-miR-378g	hsa-miR-4502	hsa-miR-4678
L	hsa-miR-5087	hsa-miR-3152-5p	hsa-miR-5702	hsa-miR-4717-3p
M	hsa-miR-4445-5p	hsa-miR-3160-5p	hsa-miR-5690	hsa-miR-374c-3p
N	hsa-miR-2681-3p	hsa-miR-4760-3p	hsa-miR-548ar-3p	hsa-miR-4799-3p
O	hsa-miR-4804-5p	hsa-miR-4749-3p	hsa-miR-4715-3p	hsa-miR-4441
P	hsa-miR-4746-3p	hsa-miR-3619-5p	hsa-miR-4474-3p	hsa-miR-4479

miRNA Table

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
A01	hsa-miR-5192	MIMAT0021123	YP02105152	I01	hsa-miR-4259	MIMAT0016880	YP02108171
A02	hsa-miR-181b-3p	MIMAT0022692	YP02106895	I02	hsa-miR-3619-3p	MIMAT0019219	YP02106037
A03	hsa-miR-4429	MIMAT0018944	YP02110346	I03	hsa-miR-3688-5p	MIMAT0019223	YP02115698
A04	hsa-miR-548ah-	MIMAT0018972	YP02108508	I04	hsa-miR-4437	MIMAT0018953	YP02105246
A05	hsa-miR-4786-5p	MIMAT0019954	YP02115269	I05	hsa-miR-4726-5p	MIMAT0019845	YP02113284
A06	hsa-miR-4740-3p	MIMAT0019870	YP02107508	I06	hsa-miR-3664-3p	MIMAT0019220	YP02109280
A07	hsa-miR-4790-3p	MIMAT0019962	YP02100995	I07	hsa-miR-4639-3p	MIMAT0019698	YP02116422
A08	hsa-miR-4649-5p	MIMAT0019711	YP02116842	I08	hsa-miR-5682	MIMAT0022470	YP02102240
A09	hsa-miR-4499	MIMAT0019035	YP02119336	I09	hsa-miR-4538	MIMAT0019081	YP02104874
A10	hsa-miR-4436b-5p	MIMAT0019940	YP02112379	I10	hsa-miR-4703-3p	MIMAT0019802	YP02114058
A11	hsa-miR-2861	MIMAT0013802	YP02119565	I11	hsa-miR-371b-5p	MIMAT0019892	YP02108253
A12	hsa-miR-4751	MIMAT0019888	YP02114926	I12	hsa-miR-4771	MIMAT0019925	YP02101627
A13	hsa-miR-4458	MIMAT0018980	YP02117234	I13	hsa-miR-450a-2-	MIMAT0031074	YP02107563
A14	hsa-miR-4744	MIMAT0019875	YP02102581	I14	hsa-miR-4714-5p	MIMAT0019822	YP02103832
A15	hsa-miR-4641	MIMAT0019701	YP02102652	I15	hsa-miR-1304-3p	MIMAT0022720	YP02106758
A16	hsa-miR-4460	MIMAT0018982	YP02118742	I16	hsa-miR-5698	MIMAT0022491	YP02109293
A17	hsa-miR-4487	MIMAT0019021	YP02103660	I17	hsa-miR-203b-5p	MIMAT0019813	YP02114497
A18	hsa-miR-5579-3p	MIMAT0022270	YP02119457	I18	hsa-miR-4501	MIMAT0019037	YP02111910
A19	hsa-miR-4482-5p	MIMAT0019016	YP02110162	I19	hsa-miR-561-5p	MIMAT0022706	YP02117324
A20	hsa-miR-4788	MIMAT0019958	YP02108226	I20	hsa-miR-5007-5p	MIMAT0021035	YP02112000
A21	hsa-miR-3977	MIMAT0019362	YP02117768	I21	hsa-miR-4467	MIMAT0018994	YP02116307
A22	hsa-miR-4531	MIMAT0019070	YP02112923	I22	hsa-miR-3074-5p	MIMAT0019208	YP02110958
A23	hsa-miR-5011-5p	MIMAT0021045	YP02103375	I23	hsa-miR-4266	MIMAT0016892	YP02119331
A24	hsa-miR-4535	MIMAT0019075	YP02117966	I24	hsa-miR-4676-3p	MIMAT0019759	YP02102548
B01	hsa-miR-4480	MIMAT0019014	YP02100758	J01	hsa-miR-1247-3p	MIMAT0022721	YP02103125
B02	hsa-miR-4733-5p	MIMAT0019857	YP02103988	J02	hsa-miR-4521	MIMAT0019058	YP02109260
B03	hsa-miR-568	MIMAT0003232	YP02119300	J03	hsa-miR-203b-3p	MIMAT0019814	YP02103829
B04	hsa-miR-548ao-	MIMAT0021029	YP02119456	J04	hsa-miR-4666b	MIMAT0022485	YP02119223
B05	hsa-miR-4661-5p	MIMAT0019729	YP02115180	J05	hsa-miR-4749-5p	MIMAT0019885	YP02119410
B06	hsa-miR-4735-5p	MIMAT0019860	YP02113099	J06	hsa-miR-4534	MIMAT0019073	YP02107694
B07	hsa-miR-642b-5p	MIMAT0022736	YP02109732	J07	hsa-miR-4477a	MIMAT0019004	YP02118912
B08	hsa-miR-4720-5p	MIMAT0019833	YP02115260	J08	hsa-miR-451b	MIMAT0019840	YP02103713
B09	hsa-miR-539-3p	MIMAT0022705	YP02101713	J09	hsa-miR-4670-3p	MIMAT0019751	YP02110005
B10	hsa-miR-4767	MIMAT0019919	YP02119597	J10	hsa-miR-4527	MIMAT0019066	YP02105459
B11	hsa-miR-4649-3p	MIMAT0019712	YP02112040	J11	hsa-miR-4430	MIMAT0018945	YP02114986
B12	hsa-miR-4431	MIMAT0018947	YP02110679	J12	hsa-miR-548aj-3p	MIMAT0018990	YP02100008
B13	hsa-miR-5047	MIMAT0020541	YP02114300	J13	hsa-miR-5091	MIMAT0021083	YP02110257
B14	hsa-miR-4659b-5p	MIMAT0019733	YP02107053	J14	hsa-miR-3646	MIMAT0018065	YP02116669
B15	hsa-miR-5588-5p	MIMAT0022295	YP02101379	J15	hsa-miR-4483	MIMAT0019017	YP02102993
B16	hsa-miR-506-5p	MIMAT0022701	YP02119376	J16	hsa-miR-4443	MIMAT0018961	YP02104824
B17	hsa-miR-4769-5p	MIMAT0019922	YP02105772	J17	hsa-miR-3689f	MIMAT0019010	YP02106748
B18	hsa-miR-4770	MIMAT0019924	YP02113433	J18	hsa-miR-4723-5p	MIMAT0019838	YP02101281
B19	hsa-miR-5587-3p	MIMAT0022290	YP02107712	J19	hsa-miR-548g-5p	MIMAT0022722	YP02114059
B20	hsa-miR-3177-5p	MIMAT0019215	YP02106664	J20	hsa-miR-4683	MIMAT0019768	YP02118119
B21	hsa-miR-4732-5p	MIMAT0019855	YP02113664	J21	hsa-miR-4786-3p	MIMAT0019955	YP02101935
B22	hsa-miR-4693-3p	MIMAT0019785	YP02109295	J22	hsa-miR-2682-3p	MIMAT0013518	YP02112755
B23	hsa-miR-4800-5p	MIMAT0019978	YP02115647	J23	hsa-miR-4804-3p	MIMAT0019985	YP02111044
B24	hsa-miR-4781-5p	MIMAT0019942	YP02100671	J24	hsa-miR-1343-3p	MIMAT0019776	YP02110797
C01	hsa-miR-4659b-3p	MIMAT0019734	YP02100566	K01	hsa-miR-345-3p	MIMAT0022698	YP02101775

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
C02	hsa-miR-4448	MIMAT0018967	YP02108427	K02	hsa-miR-378g	MIMAT0018937	YP02110329
C03	hsa-miR-4471	MIMAT0018998	YP02100524	K03	hsa-miR-4502	MIMAT0019038	YP02119075
C04	hsa-miR-211-3p	MIMAT0022694	YP02119691	K04	hsa-miR-4678	MIMAT0019762	YP02108423
C05	hsa-miR-4426	MIMAT0018941	YP02112311	K05	hsa-miR-4491	MIMAT0019026	YP02104904
C06	hsa-miR-4436a	MIMAT0018952	YP02103033	K06	hsa-miR-4795-3p	MIMAT0019969	YP02102711
C07	hsa-miR-3976	MIMAT0019361	YP02110827	K07	hsa-miR-548ae-	MIMAT0018954	YP02104542
C08	hsa-miR-4777-5p	MIMAT0019934	YP02111756	K08	hsa-miR-1238-5p	MIMAT0022947	YP02107444
C09	hsa-miR-4690-5p	MIMAT0019779	YP02100659	K09	hsa-miR-5571-3p	MIMAT0022258	YP02111694
C10	hsa-miR-1185-1-	MIMAT0022838	YP02103158	K10	hsa-miR-5680	MIMAT0022468	YP02108554
C11	hsa-miR-1245b-5p	MIMAT0019950	YP02102232	K11	hsa-miR-5580-3p	MIMAT0022274	YP02102108
C12	hsa-miR-3940-3p	MIMAT0018356	YP02119252	K12	hsa-miR-5591-5p	MIMAT0022301	YP02106649
C13	hsa-miR-548as-5p	MIMAT0022267	YP02106262	K13	hsa-miR-4802-3p	MIMAT0019982	YP02114328
C14	hsa-miR-3621	MIMAT0018002	YP02107851	K14	hsa-miR-548al	MIMAT0019024	YP02104648
C15	hsa-miR-5582-5p	MIMAT0022279	YP02113310	K15	hsa-miR-518e-5p	MIMAT0005450	YP00206040
C16	hsa-miR-4666a-5p	MIMAT0019741	YP02103330	K16	hsa-miR-518d-5p	MIMAT0005456	YP00204461
C17	hsa-miR-4717-5p	MIMAT0019829	YP02109154	K17	hsa-miR-5683	MIMAT0022472	YP02104302
C18	hsa-miR-3196	MIMAT0015080	YP02119217	K18	hsa-miR-3189-3p	MIMAT0015071	YP02113106
C19	hsa-miR-1268b	MIMAT0018925	YP02100365	K19	hsa-miR-4478	MIMAT0019006	YP02108950
C20	hsa-miR-4709-3p	MIMAT0019812	YP02115820	K20	hsa-miR-4449	MIMAT0018968	YP02101057
C21	hsa-miR-4464	MIMAT0018988	YP02116618	K21	hsa-miR-5694	MIMAT0022487	YP02101037
C22	hsa-miR-4737	MIMAT0019863	YP02115554	K22	hsa-miR-4520-3p	MIMAT0019057	YP02115335
C23	hsa-miR-664b-5p	MIMAT0022271	YP02109261	K23	hsa-miR-4759	MIMAT0019905	YP02116285
C24	hsa-miR-4679	MIMAT0019763	YP02115588	K24	hsa-miR-4506	MIMAT0019042	YP02116642
D01	hsa-miR-4638-3p	MIMAT0019696	YP02119408	L01	hsa-miR-5087	MIMAT0021079	YP02103586
D02	hsa-miR-4765	MIMAT0019916	YP02102134	L02	hsa-miR-3152-5p	MIMAT0019207	YP02106814
D03	hsa-miR-5696	MIMAT0022489	YP02103209	L03	hsa-miR-5702	MIMAT0022495	YP02111721
D04	hsa-miR-4522	MIMAT0019060	YP02110473	L04	hsa-miR-4717-3p	MIMAT0019830	YP02102971
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D06	hsa-miR-5004-5p	MIMAT0021027	YP02103151	L06	hsa-miR-4671-3p	MIMAT0019753	YP02108547
D07	hsa-miR-4764-5p	MIMAT0019914	YP02118604	L07	hsa-miR-548aq-	MIMAT0022263	YP02113472
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D09	hsa-miR-4436b-3p	MIMAT0019941	YP02117489	L09	hsa-miR-4511	MIMAT0019048	YP02117909
D10	hsa-miR-4639-5p	MIMAT0019697	YP02110154	L10	hsa-miR-3689a-3p	MIMAT0018118	YP02115246
D11	hsa-miR-5707	MIMAT0022501	YP02112846	L11	hsa-miR-4539	MIMAT0019082	YP02111967
D12	hsa-miR-4780	MIMAT0019939	YP02101575	L12	hsa-miR-4774-3p	MIMAT0019930	YP02118334
D13	hsa-miR-4701-5p	MIMAT0019798	YP02108244	L13	hsa-miR-5093	MIMAT0021085	YP02107366
D14	hsa-miR-2681-5p	MIMAT0013515	YP02108377	L14	hsa-miR-216a-3p	MIMAT0022844	YP02116567
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D18	hsa-miR-4524b-5p	MIMAT0022255	YP02116497	L18	hsa-miR-4524b-3p	MIMAT0022256	YP02111618
D19	hsa-miR-4640-3p	MIMAT0019700	YP02107962	L19	hsa-miR-4668-3p	MIMAT0019746	YP02115463
D20	hsa-miR-548an	MIMAT0019079	YP02108431	L20	hsa-miR-5191	MIMAT0021122	YP02108188
D21	hsa-miR-4800-3p	MIMAT0019979	YP02111766	L21	hsa-miR-5004-3p	MIMAT0021028	YP02113266
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D24	hsa-miR-4636	MIMAT0019693	YP02112644	L24	hsa-miR-4735-3p	MIMAT0019861	YP02103941
E01	hsa-miR-5581-3p	MIMAT0022276	YP02117351	M01	hsa-miR-4445-5p	MIMAT0018963	YP02115139
E02	hsa-miR-5006-3p	MIMAT0021034	YP02107641	M02	hsa-miR-3160-5p	MIMAT0019212	YP02110391
E03	hsa-miR-1228-3p	MIMAT0005583	YP02119681	M03	hsa-miR-5690	MIMAT0022482	YP02110964

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
E04	hsa-miR-4653-5p	MIMAT0019718	YP02104820	M04	hsa-miR-374c-3p	MIMAT0022735	YP02105481
E05	hsa-miR-4711-5p	MIMAT0019816	YP02103794	M05	hsa-miR-5009-3p	MIMAT0021042	YP02109300
E06	hsa-miR-1587	MIMAT0019077	YP02119501	M06	hsa-miR-4440	MIMAT0018958	YP02112148
E07	hsa-miR-3680-3p	MIMAT0018107	YP02102098	M07	hsa-miR-3064-5p	MIMAT0019864	YP02107200
E08	hsa-miR-4668-5p	MIMAT0019745	YP02114533	M08	hsa-miR-4789-5p	MIMAT0019959	YP02118087
E09	hsa-miR-4667-5p	MIMAT0019743	YP02111936	M09	hsa-miR-4453	MIMAT0018975	YP02119375
E10	hsa-miR-4754	MIMAT0019894	YP02107017	M10	hsa-miR-625-5p	MIMAT0003294	YP02119372
E11	hsa-miR-3682-5p	MIMAT0019222	YP02103591	M11	hsa-miR-4423-3p	MIMAT0018936	YP02111002
E12	hsa-miR-1295b-3p	MIMAT0022294	YP02111901	M12	hsa-miR-4256	MIMAT0016877	YP02100638
E13	hsa-miR-4648	MIMAT0019710	YP02103519	M13	hsa-miR-4743-5p	MIMAT0019874	YP02115797
E14	hsa-miR-4447	MIMAT0018966	YP02119381	M14	hsa-miR-4646-3p	MIMAT0019708	YP02111753
E15	hsa-miR-3123	MIMAT0014985	YP02119567	M15	hsa-miR-4644	MIMAT0019704	YP02115350
E16	hsa-miR-4482-3p	MIMAT0020958	YP02115702	M16	hsa-miR-5100	MIMAT0022259	YP02112520
E17	hsa-miR-4716-5p	MIMAT0019826	YP02119441	M17	hsa-miR-4708-5p	MIMAT0019809	YP02113054
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E24	hsa-miR-4725-3p	MIMAT0019844	YP02106604	M24	hsa-miR-4652-5p	MIMAT0019716	YP02105494
F01	hsa-miR-4736	MIMAT0019862	YP02119341	N01	hsa-miR-2681-3p	MIMAT0013516	YP02114773
F02	hsa-miR-4523	MIMAT0019061	YP02102394	N02	hsa-miR-4760-3p	MIMAT0019907	YP02101287
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F06	hsa-miR-4475	MIMAT0019002	YP02101426	N06	hsa-miR-3529-5p	MIMAT0019828	YP02110253
F07	hsa-miR-301a-5p	MIMAT0022696	YP02109957	N07	hsa-miR-5704	MIMAT0022498	YP02110143
F08	hsa-miR-873-3p	MIMAT0022717	YP02109020	N08	hsa-miR-4533	MIMAT0019072	YP02105683
F09	hsa-miR-4745-3p	MIMAT0019879	YP02109728	N09	hsa-miR-4321	MIMAT0016874	YP02117073
F10	hsa-miR-5089-5p	MIMAT0021081	YP02104012	N10	hsa-miR-5194	MIMAT0021125	YP02108038
F11	hsa-miR-2467-5p	MIMAT0019952	YP02101409	N11	hsa-miR-4528	MIMAT0019067	YP02104107
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F13	hsa-miR-4664-3p	MIMAT0019738	YP02119369	N13	hsa-miR-5700	MIMAT0022493	YP02118073
F14	hsa-miR-4721	MIMAT0019835	YP02113239	N14	hsa-miR-4729	MIMAT0019851	YP02101851
F15	hsa-miR-4762-5p	MIMAT0019910	YP02118723	N15	hsa-miR-4766-5p	MIMAT0019917	YP02108430
F16	hsa-miR-4675	MIMAT0019757	YP02119422	N16	hsa-miR-5196-5p	MIMAT0021128	YP02102885
F17	hsa-miR-4680-5p	MIMAT0019764	YP02101985	N17	hsa-miR-5687	MIMAT0022478	YP02104733
F18	hsa-miR-4755-5p	MIMAT0019895	YP02103815	N18	hsa-miR-4782-5p	MIMAT0019944	YP02113456
F19	hsa-miR-3173-5p	MIMAT0019214	YP02119133	N19	hsa-miR-4422	MIMAT0018935	YP02111931
F20	hsa-miR-4689	MIMAT0019778	YP02119407	N20	hsa-miR-3686	MIMAT0018114	YP02111718
F21	hsa-miR-3121-5p	MIMAT0019199	YP02115858	N21	hsa-miR-3192-5p	MIMAT0015076	YP02118077
F22	hsa-miR-4652-3p	MIMAT0019717	YP02106951	N22	hsa-miR-4777-3p	MIMAT0019935	YP02107689
F23	hsa-miR-4803	MIMAT0019983	YP02108716	N23	hsa-miR-4710	MIMAT0019815	YP02113415
F24	hsa-miR-1185-2-	MIMAT0022713	YP02111736	N24	hsa-miR-4446-5p	MIMAT0019233	YP02107725
G01	hsa-miR-122b-5p	MIMAT0019876	YP02118784	O01	hsa-miR-4804-5p	MIMAT0019984	YP02101634
G02	hsa-miR-5587-5p	MIMAT0022289	YP02110826	O02	hsa-miR-4749-3p	MIMAT0019886	YP02103226
G03	hsa-miR-548a	MIMAT0019013	YP02100504	O03	hsa-miR-4715-3p	MIMAT0019825	YP02106824
G04	hsa-miR-2467-3p	MIMAT0019953	YP02116006	O04	hsa-miR-4441	MIMAT0018959	YP02112472
G05	hsa-miR-4761-3p	MIMAT0019909	YP02116589	O05	hsa-miR-3677-5p	MIMAT0019221	YP02118473

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
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G07	hsa-miR-5092	MIMAT0021084	YP02114487	O07	hsa-miR-3622a-3p	MIMAT0018004	YP02114267
G08	hsa-miR-4500	MIMAT0019036	YP02119475	O08	hsa-miR-4774-5p	MIMAT0019929	YP02105955
G09	hsa-miR-5681b	MIMAT0022480	YP02106375	O09	hsa-miR-4665-3p	MIMAT0019740	YP02119591
G10	hsa-miR-4707-3p	MIMAT0019808	YP02114088	O10	hsa-miR-4704-3p	MIMAT0019804	YP02110762
G11	hsa-miR-4719	MIMAT0019832	YP02100839	O11	hsa-miR-4433a-3p	MIMAT0018949	YP02116443
G12	hsa-miR-4661-3p	MIMAT0019730	YP02105803	O12	hsa-miR-4747-5p	MIMAT0019882	YP02110146
G13	hsa-miR-652-5p	MIMAT0022709	YP02102689	O13	hsa-miR-4700-5p	MIMAT0019796	YP02113820
G14	hsa-miR-5006-5p	MIMAT0021033	YP02103769	O14	hsa-miR-5590-5p	MIMAT0022299	YP02103565
G15	hsa-miR-4693-5p	MIMAT0019784	YP02102077	O15	hsa-miR-4667-3p	MIMAT0019744	YP02113337
G16	hsa-miR-3181	MIMAT0015061	YP02119571	O16	hsa-miR-4537	MIMAT0019080	YP02116832
G17	hsa-miR-4715-5p	MIMAT0019824	YP02118306	O17	hsa-miR-4451	MIMAT0018973	YP02102301
G18	hsa-miR-5697	MIMAT0022490	YP02107133	O18	hsa-miR-4517	MIMAT0019054	YP02107279
G19	hsa-miR-4722-3p	MIMAT0019837	YP02117952	O19	hsa-miR-1469	MIMAT0007347	YP02119684
G20	hsa-miR-514a-5p	MIMAT0022702	YP02101601	O20	hsa-miR-4520-5p	MIMAT0019235	YP02116120
G21	hsa-miR-4772-3p	MIMAT0019927	YP02102250	O21	hsa-miR-3610	MIMAT0017987	YP02119507
G22	hsa-miR-1295b-5p	MIMAT0022293	YP02110835	O22	hsa-miR-5008-5p	MIMAT0021039	YP02109719
G23	hsa-miR-4750-5p	MIMAT0019887	YP02101986	O23	hsa-miR-4681	MIMAT0019766	YP02101916
G24	hsa-miR-4455	MIMAT0018977	YP02105370	O24	hsa-miR-4695-3p	MIMAT0019789	YP02115642
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H03	hsa-miR-5094	MIMAT0021086	YP02119090	P03	hsa-miR-4474-3p	MIMAT0019001	YP02111455
H04	hsa-miR-4655-5p	MIMAT0019721	YP02107460	P04	hsa-miR-4479	MIMAT0019011	YP02107943
H05	hsa-miR-718	MIMAT0012735	YP02119603	P05	hsa-miR-5586-5p	MIMAT0022287	YP02103469
H06	hsa-miR-4514	MIMAT0019051	YP02100591	P06	hsa-miR-4733-3p	MIMAT0019858	YP02114943
H07	hsa-miR-4633-5p	MIMAT0019689	YP02110587	P07	hsa-miR-548a-3p	MIMAT0022278	YP02116407
H08	hsa-miR-378e	MIMAT0018927	YP02103282	P08	hsa-miR-3150a-5p	MIMAT0019206	YP02107066
H09	hsa-miR-4691-5p	MIMAT0019781	YP02117647	P09	hsa-miR-3138	MIMAT0015006	YP02103329
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H11	hsa-miR-548aw	MIMAT0022471	YP02106950	P11	hsa-miR-4671-5p	MIMAT0019752	YP02110416
H12	hsa-miR-4510	MIMAT0019047	YP02103091	P12	BlankSpot	N/A	YP02119291
H13	hsa-miR-766-5p	MIMAT0022714	YP02113546	P13	SNORD44 (hsa)	N/A	YP00203902
H14	hsa-miR-3124-3p	MIMAT0019200	YP02104478	P14	SNORD38B (hsa)	N/A	YP00203901
H15	hsa-miR-4802-5p	MIMAT0019981	YP02118807	P15	SNORD49A (hsa)	N/A	YP00203904
H16	hsa-miR-4697-3p	MIMAT0019792	YP02115344	P16	U6 snRNA (v2)	N/A	YP02119464
H17	hsa-miR-4476	MIMAT0019003	YP02103882	P17	cel-miR-39-3p	MIMAT0000010	YP00203952
H18	hsa-miR-3677-3p	MIMAT0018101	YP02119574	V	UniSp2	N/A	YP00203950
H19	hsa-miR-5708	MIMAT0022502	YP02107170	P19	UniSp4	N/A	YP00203953
H20	hsa-miR-4727-3p	MIMAT0019848	YP02108445	P20	UniSp5	N/A	YP00203955
H21	hsa-miR-3191-5p	MIMAT0022732	YP02106558	P21	UniSp6	N/A	YP00203954
H22	hsa-miR-4740-5p	MIMAT0019869	YP02101587	P22	UniSP3	N/A	YP02119288
H23	hsa-miR-4540	MIMAT0019083	YP02114695	P23	UniSP3	N/A	YP02119288
H24	hsa-miR-4421	MIMAT0018934	YP02117627	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

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## 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](http://www.qiagen.com/safety)** where you can find, view and print the SDS for each QIAGEN kit and kit component.

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