

# miRCURY LNA miRNA miRNome PCR Panels

## Human Panel I, V5 Product Data Sheet

Cat. no. 339322 YAHS-301Y

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-301YE
G	Roche® LightCycler® 480 (384-well block)	384-well	YAHS-301YG

### 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-20b-3p	hsa-miR-325	hsa-miR-509-3-5p	hsa-miR-210-3p	hsa-miR-199b-5p	hsa-miR-194-5p	hsa-let-7g-5p	hsa-miR-203a-3p	hsa-miR-181a-3p	hsa-miR-137-3p
hsa-miR-378a-3p	hsa-miR-103a-3p	hsa-miR-890	hsa-miR-423-5p	hsa-miR-221-3p	SNORD38B (hsa)	hsa-miR-301b-3p	SNORD49A (hsa)	hsa-miR-550a-5p	U6 snRNA
hsa-miR-574-3p	hsa-miR-130b-3p	hsa-miR-30c-5p	hsa-miR-133b	hsa-miR-524-5p	hsa-miR-23a-3p	hsa-miR-193b-3p	hsa-miR-501-5p	hsa-miR-518c-5p	hsa-miR-130a-3p
hsa-miR-330-3p	hsa-miR-570-3p	hsa-miR-518c-3p	hsa-miR-200a-3p	hsa-miR-188-5p	hsa-miR-26a-5p	hsa-miR-99b-5p	hsa-miR-431-5p	hsa-miR-23b-3p	hsa-miR-367-3p
hsa-miR-323a-3p	hsa-miR-181d-5p	hsa-miR-125a-5p	hsa-miR-129-5p	hsa-miR-492	hsa-miR-20a-5p	hsa-miR-374b-5p	hsa-miR-302d-3p	hsa-miR-346	hsa-miR-151a-3p
hsa-miR-29b-2-5p	hsa-miR-491-5p	hsa-miR-92b-3p	hsa-miR-665	hsa-miR-506-3p	hsa-miR-363-3p	hsa-miR-132-3p	hsa-miR-651-5p	hsa-miR-628-3p	hsa-miR-432-5p
hsa-miR-199a-5p	hsa-miR-155-5p	hsa-miR-107	hsa-miR-302b-3p	hsa-miR-662	hsa-miR-519d-3p	hsa-miR-485-3p	hsa-miR-200b-3p	hsa-miR-337-3p	hsa-miR-494-3p
hsa-miR-658	hsa-miR-572	hsa-miR-802	hsa-miR-521	hsa-miR-433-3p	hsa-miR-660-5p	hsa-let-7c-5p	hsa-miR-28-5p	hsa-miR-324-5p	hsa-miR-219a-5p
hsa-miR-324-3p	hsa-miR-488-3p	hsa-miR-371a-5p	hsa-miR-455-5p	hsa-miR-891a-5p	hsa-miR-549a-3p	hsa-miR-205-5p	hsa-miR-518b	hsa-miR-19a-3p	hsa-miR-150-5p
hsa-miR-9-3p	hsa-miR-548c-3p	hsa-miR-152-3p	hsa-miR-93-5p	hsa-miR-365a-3p	hsa-miR-29c-3p	hsa-miR-372-3p	hsa-miR-133a-3p	hsa-miR-124-3p	hsa-miR-190a-5p
hsa-miR-127-3p	hsa-miR-598-3p	hsa-miR-96-5p	hsa-let-7d-5p	hsa-miR-135b-5p	hsa-miR-495-3p	hsa-miR-299-5p	hsa-miR-34c-3p	hsa-miR-596	hsa-miR-744-5p
hsa-miR-192-5p	hsa-miR-29a-3p	hsa-miR-18a-3p	hsa-miR-383-5p	hsa-miR-9-5p	hsa-miR-142-5p	hsa-miR-363-5p	hsa-miR-147b-3p	hsa-miR-197-3p	hsa-miR-597-5p
hsa-miR-222-3p	hsa-miR-617	hsa-miR-154-5p	hsa-miR-708-5p	hsa-let-7b-5p	hsa-miR-95-3p	hsa-miR-517c-3p	hsa-miR-151a-5p	hsa-miR-502-5p	hsa-miR-345-5p
hsa-miR-1-3p	hsa-miR-299-3p	hsa-miR-142-3p	hsa-miR-338-3p	hsa-miR-584-5p	hsa-miR-377-3p	hsa-miR-216a-5p	hsa-miR-424-5p	hsa-miR-921	hsa-miR-513a-5p
hsa-miR-212-3p	hsa-miR-525-5p	hsa-miR-542-5p	hsa-miR-576-3p	hsa-miR-583	hsa-miR-483-3p	hsa-miR-582-5p	hsa-miR-183-5p	hsa-miR-33b-5p	hsa-miR-193a-3p
hsa-miR-139-5p	hsa-miR-373-5p	hsa-miR-149-5p	hsa-miR-642a-5p	hsa-miR-31-5p	hsa-miR-451a	hsa-miR-620	hsa-miR-27b-3p	hsa-miR-523-3p	hsa-miR-374a-5p

5	6	7	8	9	10	11	12	13	14
hsa-miR-374b-3p	hsa-miR-143-3p	hsa-miR-623	hsa-miR-520c-3p	hsa-miR-557	hsa-miR-218-5p	hsa-miR-136-5p	hsa-miR-127-5p	hsa-miR-140-5p	hsa-miR-31-3p
hsa-miR-486-5p	UniSp4	UniSp3	UniSp5	hsa-miR-329-3p	UniSp6	hsa-miR-487b-3p	cel-miR-39-3p	hsa-miR-138-5p	hsa-miR-191-5p
hsa-miR-185-5p	hsa-miR-25-3p	UniSp3	UniSp3	hsa-miR-765	hsa-miR-24-3p	hsa-miR-369-5p	hsa-miR-425-5p	hsa-miR-590-5p	hsa-miR-760
hsa-miR-141-3p	hsa-miR-342-3p	hsa-miR-668-3p	hsa-miR-934	hsa-miR-101-3p	hsa-miR-539-5p	hsa-miR-331-3p	hsa-miR-499a-5p	hsa-miR-196a-5p	hsa-miR-888-5p
hsa-miR-887-3p	hsa-miR-491-3p	hsa-miR-423-3p	hsa-miR-126-3p	hsa-miR-421	hsa-miR-376b-3p	hsa-miR-302c-3p	hsa-miR-625-3p	hsa-miR-339-5p	hsa-miR-873-5p
hsa-miR-202-3p	hsa-miR-125b-5p	hsa-miR-503-5p	hsa-miR-204-5p	hsa-miR-30d-5p	hsa-miR-301a-3p	hsa-miR-362-5p	hsa-miR-30b-3p	hsa-miR-654-5p	hsa-miR-545-3p
hsa-miR-22-5p	hsa-miR-224-5p	hsa-miR-885-5p	hsa-miR-320a-3p	hsa-miR-18b-5p	hsa-miR-187-3p	hsa-miR-516b-5p	hsa-miR-302c-5p	hsa-miR-548b-3p	hsa-miR-186-5p
hsa-miR-631	hsa-miR-34c-5p	hsa-miR-211-5p	hsa-miR-454-3p	hsa-lef-7f-5p	hsa-miR-30e-5p	hsa-miR-34a-5p	hsa-miR-663a	hsa-miR-518e-3p	hsa-miR-29b-3p
hsa-miR-184	hsa-miR-422a	hsa-miR-199a-3p	hsa-miR-335-5p	hsa-miR-519a-3p	hsa-miR-21-5p	hsa-miR-129-2-3p	hsa-miR-26b-5p	hsa-miR-214-3p	hsa-miR-32-5p
hsa-miR-497-5p	hsa-miR-877-5p	hsa-miR-187-5p	hsa-miR-10b-5p	hsa-lef-7f-5p	hsa-miR-202-5p	hsa-miR-652-3p	hsa-miR-126-5p	hsa-miR-30e-3p	hsa-miR-181c-5p
hsa-miR-627-5p	hsa-miR-34b-3p	hsa-miR-410-3p	hsa-miR-17-5p	hsa-miR-376a-3p	hsa-miR-514a-3p	hsa-miR-512-5p	hsa-miR-449a	hsa-miR-498-5p	hsa-miR-148b-3p
hsa-miR-96-3p	hsa-miR-185-3p	hsa-miR-615-3p	hsa-miR-128-3p	hsa-miR-766-3p	hsa-miR-206	hsa-miR-298	hsa-miR-193a-5p	hsa-miR-449b-5p	hsa-miR-520d-5p
hsa-miR-296-5p	hsa-miR-20b-5p	hsa-miR-147a	hsa-miR-198	hsa-miR-375-3p	hsa-miR-517a-3p	hsa-miR-361-3p	hsa-miR-21-3p	hsa-miR-373-3p	hsa-miR-518f-3p
hsa-miR-200c-3p	hsa-miR-30a-5p	hsa-miR-181b-5p	hsa-miR-33a-5p	hsa-miR-195-5p	hsa-miR-874-3p	hsa-miR-135a-5p	hsa-miR-26a-2-3p	hsa-miR-146b-5p	hsa-miR-412-3p
hsa-miR-182-5p	hsa-miR-370-3p	hsa-miR-576-5p	hsa-miR-425-3p	hsa-miR-450a-5p	hsa-miR-411-5p	hsa-miR-216b-5p	hsa-miR-106b-5p	hsa-miR-22-3p	hsa-miR-510-5p
hsa-miR-629-5p	hsa-miR-484	hsa-miR-429	hsa-miR-30c-2-3p	hsa-miR-518a-3p	hsa-miR-340-5p	hsa-miR-508-3p	hsa-miR-381-3p	hsa-miR-148a-3p	hsa-miR-146a-5p

	1	2	3	4
A	hsa-miR-7-5p	hsa-miR-217-5p	hsa-miR-337-5p	hsa-miR-328-3p
B	hsa-miR-551b-3p	BlankSpot	hsa-miR-524-3p	Unisp2
C	hsa-miR-532-5p	hsa-miR-99a-5p	hsa-miR-16-5p	hsa-miR-98-5p
D	hsa-miR-933	hsa-miR-379-5p	hsa-miR-452-5p	hsa-miR-589-5p
E	hsa-miR-505-3p	hsa-miR-18a-5p	hsa-miR-92a-3p	hsa-miR-500a-5p
F	hsa-miR-493-3p	hsa-miR-122-5p	hsa-miR-99a-3p	hsa-miR-361-5p
G	hsa-miR-154-3p	hsa-miR-27a-3p	hsa-miR-376c-3p	hsa-miR-940
H	hsa-miR-371a-3p	hsa-miR-637	hsa-miR-144-3p	hsa-miR-161-3p
I	hsa-miR-19b-3p	hsa-miR-526b-5p	hsa-miR-215-5p	hsa-miR-30b-5p
J	hsa-miR-15a-5p	hsa-lef-7a-3p	hsa-miR-608	hsa-miR-671-5p
K	hsa-miR-302a-3p	hsa-miR-595	hsa-miR-602	hsa-miR-223-3p
L	hsa-miR-145-5p	hsa-miR-622	hsa-miR-516a-5p	hsa-lef-7a-5p
M	hsa-miR-326	hsa-miR-15b-5p	hsa-miR-105-5p	hsa-miR-196b-5p
N	hsa-miR-509-3p	hsa-miR-134-5p	hsa-miR-382-5p	hsa-miR-490-3p
O	hsa-miR-140-3p	hsa-miR-181a-5p	hsa-miR-10a-5p	hsa-miR-106a-5p
P	hsa-miR-153-3p	hsa-lef-7e-5p	hsa-miR-409-3p	hsa-miR-100-5p

miRNA Table

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
A01	hsa-miR-7-5p	MIMAT0000252	YP00205877	I01	hsa-miR-19b-3p	MIMAT0000074	YP00204450
A02	hsa-miR-217-5p	MIMAT0000274	YP00204010	I02	hsa-miR-526b-5p	MIMAT00002835	YP00204259
A03	hsa-miR-337-5p	MIMAT0004695	YP00204391	I03	hsa-miR-215-5p	MIMAT0000272	YP00204598
A04	hsa-miR-328-3p	MIMAT0000752	YP00204364	I04	hsa-miR-30b-5p	MIMAT0000420	YP00204765
A05	hsa-miR-374b-3p	MIMAT0004956	YP00205917	I05	hsa-miR-184	MIMAT0000454	YP00204601
A06	hsa-miR-143-3p	MIMAT0000435	YP00205992	I06	hsa-miR-422a	MIMAT0001339	YP00204164
A07	hsa-miR-623	MIMAT0003292	YP00204019	I07	hsa-miR-199a-3p	MIMAT0000232	YP00204536
A08	hsa-miR-520c-3p	MIMAT0002846	YP00204497	I08	hsa-miR-335-5p	MIMAT0000765	YP02119293
A09	hsa-miR-557	MIMAT0003221	YP00204346	I09	hsa-miR-519a-3p	MIMAT0002869	YP00205919
A10	hsa-miR-218-5p	MIMAT0000275	YP00206034	I10	hsa-miR-21-5p	MIMAT0000076	YP00204230
A11	hsa-miR-136-5p	MIMAT0000448	YP00204779	I11	hsa-miR-129-2-3p	MIMAT0004605	YP00206067
A12	hsa-miR-127-5p	MIMAT0004604	YP00204161	I12	hsa-miR-26b-5p	MIMAT0000083	YP00204172
A13	hsa-miR-140-5p	MIMAT0000431	YP00204540	I13	hsa-miR-214-3p	MIMAT0000271	YP00204510
A14	hsa-miR-31-3p	MIMAT0004504	YP00204079	I14	hsa-miR-32-5p	MIMAT0000090	YP00204792
A15	hsa-miR-20b-3p	MIMAT0004752	YP00204569	I15	hsa-miR-324-3p	MIMAT0000762	YP00204303
A16	hsa-miR-325	MIMAT0000771	YP00204464	I16	hsa-miR-488-3p	MIMAT0004763	YP00204469
A17	hsa-miR-509-3-5p	MIMAT0004975	YP00204503	I17	hsa-miR-371a-5p	MIMAT0004687	YP00204493
A18	hsa-miR-210-3p	MIMAT0000267	YP00204333	I18	hsa-miR-455-5p	MIMAT0003150	YP00204363
A19	hsa-miR-199b-5p	MIMAT0000263	YP00204152	I19	hsa-miR-891a-5p	MIMAT0004902	YP00204220
A20	hsa-miR-194-5p	MIMAT0000460	YP00204080	I20	hsa-miR-549a-3p	MIMAT0003333	YP00205975
A21	hsa-let-7g-5p	MIMAT0000414	YP00204565	I21	hsa-miR-205-5p	MIMAT0000266	YP00204487
A22	hsa-miR-203a-3p	MIMAT0000264	YP00205914	I22	hsa-miR-518b	MIMAT0002844	YP00204405
A23	hsa-miR-181a-3p	MIMAT0000270	YP00204110	I23	hsa-miR-19a-3p	MIMAT0000073	YP00205862
A24	hsa-miR-137-3p	MIMAT0000429	YP00206062	I24	hsa-miR-150-5p	MIMAT0000451	YP00204660
B01	hsa-miR-551b-3p	MIMAT0003233	YP00204067	J01	hsa-miR-15a-5p	MIMAT0000068	YP00204066
B02	BlankSpot	N/A	YP02119291	J02	hsa-let-7d-3p	MIMAT0004484	YP00205627
B03	hsa-miR-524-3p	MIMAT0002850	YP00204030	J03	hsa-miR-608	MIMAT0003276	YP00204286
B04	UniSp2	N/A	YP00203950	J04	hsa-miR-671-5p	MIMAT0003880	YP00205649
B05	hsa-miR-486-5p	MIMAT0002177	YP00204001	J05	hsa-miR-497-5p	MIMAT0002820	YP00204354
B06	UniSp4	N/A	YP00203953	J06	hsa-miR-877-5p	MIMAT0004949	YP00205626
B07	UniSP3	N/A	YP02119288	J07	hsa-miR-187-5p	MIMAT0004561	YP00205920
B08	UniSp5	N/A	YP00203955	J08	hsa-miR-10b-5p	MIMAT0000254	YP00205637
B09	hsa-miR-329-3p	MIMAT0001629	YP00206052	J09	hsa-let-7i-5p	MIMAT0000415	YP00204394
B10	UniSp6	N/A	YP00203954	J10	hsa-miR-202-5p	MIMAT0002810	YP00205616
B11	hsa-miR-487b-3p	MIMAT0003180	YP00204489	J11	hsa-miR-652-3p	MIMAT0003322	YP00204387
B12	cel-miR-39-3p	MIMAT0000010	YP00203952	J12	hsa-miR-126-5p	MIMAT0000444	YP00206010
B13	hsa-miR-138-5p	MIMAT0000430	YP00206078	J13	hsa-miR-30e-3p	MIMAT0000693	YP00204410
B14	hsa-miR-191-5p	MIMAT0000440	YP00204306	J14	hsa-miR-181c-5p	MIMAT0000258	YP00204683
B15	hsa-miR-378a-3p	MIMAT0000732	YP00205946	J15	hsa-miR-9-3p	MIMAT0000442	YP00204620
B16	hsa-miR-103a-3p	MIMAT0000101	YP00204063	J16	hsa-miR-548c-3p	MIMAT0003285	YP00204697
B17	hsa-miR-890	MIMAT0004912	YP00205859	J17	hsa-miR-152-3p	MIMAT0000438	YP00204294
B18	hsa-miR-423-5p	MIMAT0004748	YP00205624	J18	hsa-miR-93-5p	MIMAT0000093	YP00204715
B19	hsa-miR-221-3p	MIMAT0000278	YP00204532	J19	hsa-miR-365a-3p	MIMAT0000710	YP00204622
B20	SNORD38B (hsa)	N/A	YP00203901	J20	hsa-miR-29c-3p	MIMAT0000681	YP00204729
B21	hsa-miR-301b-3p	MIMAT0004958	YP00204390	J21	hsa-miR-372-3p	MIMAT0000724	YP00204137
B22	SNORD49A (hsa)	N/A	YP00203904	J22	hsa-miR-133a-3p	MIMAT0000427	YP00204788
B23	hsa-miR-550a-5p	MIMAT0004800	YP00204638	J23	hsa-miR-124-3p	MIMAT0000422	YP00206026
B24	U6 snRNA	N/A	YP00203907	J24	hsa-miR-190a-5p	MIMAT0000458	YP00204763
C01	hsa-miR-532-5p	MIMAT0002888	YP00204221	K01	hsa-miR-302a-3p	MIMAT0000684	YP00206059

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
C02	hsa-miR-99a-5p	MIMAT0000097	YP00204521	K02	hsa-miR-595	MIMAT0003263	YP00204070
C03	hsa-miR-16-5p	MIMAT0000069	YP00205702	K03	hsa-miR-602	MIMAT0003270	YP00204316
C04	hsa-miR-98-5p	MIMAT0000096	YP00204640	K04	hsa-miR-223-3p	MIMAT0000280	YP00205986
C05	hsa-miR-185-5p	MIMAT0000455	YP00206037	K05	hsa-miR-627-5p	MIMAT0003296	YP00205979
C06	hsa-miR-25-3p	MIMAT0000081	YP00204361	K06	hsa-miR-34b-3p	MIMAT0004676	YP00204005
C07	UniSP3	N/A	YP02119288	K07	hsa-miR-410-3p	MIMAT0002171	YP00204042
C08	UniSP3	N/A	YP02119288	K08	hsa-miR-17-5p	MIMAT0000070	YP02119304
C09	hsa-miR-765	MIMAT0003945	YP00204071	K09	hsa-miR-376a-3p	MIMAT0000729	YP00204508
C10	hsa-miR-24-3p	MIMAT0000080	YP00204260	K10	hsa-miR-514a-3p	MIMAT0002883	YP00205931
C11	hsa-miR-369-5p	MIMAT0001621	YP00206014	K11	hsa-miR-512-5p	MIMAT0002822	YP00204134
C12	hsa-miR-425-5p	MIMAT0003393	YP00204337	K12	hsa-miR-449a	MIMAT0001541	YP00204481
C13	hsa-miR-590-5p	MIMAT0003258	YP00204222	K13	hsa-miR-498-5p	MIMAT0002824	YP00204150
C14	hsa-miR-760	MIMAT0004957	YP00204549	K14	hsa-miR-148b-3p	MIMAT0000759	YP00204047
C15	hsa-miR-574-3p	MIMAT0003239	YP00206011	K15	hsa-miR-127-3p	MIMAT0000446	YP00204048
C16	hsa-miR-130b-3p	MIMAT0000691	YP00204317	K16	hsa-miR-598-3p	MIMAT0003266	YP00204320
C17	hsa-miR-30c-5p	MIMAT0000244	YP00204783	K17	hsa-miR-96-5p	MIMAT0000095	YP00204417
C18	hsa-miR-133b	MIMAT0000770	YP00206058	K18	hsa-let-7d-5p	MIMAT0000065	YP00204124
C19	hsa-miR-524-5p	MIMAT0002849	YP00204135	K19	hsa-miR-135b-5p	MIMAT0000758	YP00204130
C20	hsa-miR-23a-3p	MIMAT0000078	YP00204772	K20	hsa-miR-495-3p	MIMAT0002817	YP00206015
C21	hsa-miR-193b-3p	MIMAT0002819	YP00204226	K21	hsa-miR-299-5p	MIMAT0002890	YP00204544
C22	hsa-miR-501-5p	MIMAT0002872	YP00204648	K22	hsa-miR-34c-3p	MIMAT0004677	YP00204373
C23	hsa-miR-518c-5p	MIMAT0002847	YP00204280	K23	hsa-miR-596	MIMAT0003264	YP00204002
C24	hsa-miR-130a-3p	MIMAT0000425	YP00204658	K24	hsa-miR-744-5p	MIMAT0004945	YP00204663
D01	hsa-miR-933	MIMAT0004976	YP00205996	L01	hsa-miR-145-5p	MIMAT0000437	YP00204483
D02	hsa-miR-379-5p	MIMAT0000733	YP00205658	L02	hsa-miR-622	MIMAT0003291	YP00205615
D03	hsa-miR-452-5p	MIMAT0001635	YP00204301	L03	hsa-miR-516a-5p	MIMAT0004770	YP00204471
D04	hsa-miR-589-5p	MIMAT0004799	YP00205675	L04	hsa-let-7a-5p	MIMAT0000062	YP00205727
D05	hsa-miR-141-3p	MIMAT0000432	YP00204504	L05	hsa-miR-96-3p	MIMAT0004510	YP00205899
D06	hsa-miR-342-3p	MIMAT0000753	YP00205625	L06	hsa-miR-185-3p	MIMAT0004611	YP00205710
D07	hsa-miR-668-3p	MIMAT0003881	YP00204206	L07	hsa-miR-615-3p	MIMAT0003283	YP00204453
D08	hsa-miR-934	MIMAT0004977	YP02119292	L08	hsa-miR-128-3p	MIMAT0000424	YP00205995
D09	hsa-miR-101-3p	MIMAT0000099	YP00204786	L09	hsa-miR-766-3p	MIMAT0003888	YP00204499
D10	hsa-miR-539-5p	MIMAT0003163	YP00205656	L10	hsa-miR-206	MIMAT0000462	YP00206073
D11	hsa-miR-331-3p	MIMAT0000760	YP00206046	L11	hsa-miR-298	MIMAT0004901	YP00204115
D12	hsa-miR-499a-5p	MIMAT0002870	YP00205935	L12	hsa-miR-193a-5p	MIMAT0004614	YP00204665
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D15	hsa-miR-330-3p	MIMAT0000751	YP00204017	L15	hsa-miR-192-5p	MIMAT0000222	YP00204099
D16	hsa-miR-570-3p	MIMAT0003235	YP00204694	L16	hsa-miR-29a-3p	MIMAT0000086	YP00204698
D17	hsa-miR-518c-3p	MIMAT0002848	YP00204554	L17	hsa-miR-18a-3p	MIMAT0002891	YP00204523
D18	hsa-miR-200a-3p	MIMAT0000682	YP00204707	L18	hsa-miR-383-5p	MIMAT0000738	YP00205904
D19	hsa-miR-188-5p	MIMAT0000457	YP00204239	L19	hsa-miR-9-5p	MIMAT0000441	YP00204513
D20	hsa-miR-26a-5p	MIMAT0000082	YP00206023	L20	hsa-miR-142-5p	MIMAT0000433	YP00204722
D21	hsa-miR-99b-5p	MIMAT0000689	YP00205983	L21	hsa-miR-363-5p	MIMAT0003385	YP00204173
D22	hsa-miR-431-5p	MIMAT0001625	YP00204737	L22	hsa-miR-147b-3p	MIMAT0004928	YP00204368
D23	hsa-miR-23b-3p	MIMAT0000418	YP00204790	L23	hsa-miR-197-3p	MIMAT0000227	YP00204380
D24	hsa-miR-367-3p	MIMAT0000719	YP00204784	L24	hsa-miR-597-5p	MIMAT0003265	YP00204769
E01	hsa-miR-505-3p	MIMAT0002876	YP00204214	M01	hsa-miR-326	MIMAT0000756	YP00204512
E02	hsa-miR-18a-5p	MIMAT0000072	YP00204207	M02	hsa-miR-15b-5p	MIMAT0000417	YP00204243
E03	hsa-miR-92a-3p	MIMAT0000092	YP00204258	M03	hsa-miR-105-5p	MIMAT0000102	YP00204389

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
E04	hsa-miR-500a-5p	MIMAT0004773	YP00204794	M04	hsa-miR-196b-5p	MIMAT0001080	YP00204555
E05	hsa-miR-887-3p	MIMAT0004951	YP00204472	M05	hsa-miR-296-5p	MIMAT0000690	YP00204436
E06	hsa-miR-491-3p	MIMAT0004765	YP00205977	M06	hsa-miR-20b-5p	MIMAT0001413	YP00204755
E07	hsa-miR-423-3p	MIMAT0001340	YP00204488	M07	hsa-miR-147a	MIMAT0000251	YP00204398
E08	hsa-miR-126-3p	MIMAT0000445	YP00204227	M08	hsa-miR-198	MIMAT0000228	YP00204341
E09	hsa-miR-421	MIMAT0003339	YP00204603	M09	hsa-miR-375-3p	MIMAT0000728	YP00204362
E10	hsa-miR-376b-3p	MIMAT0002172	YP00204218	M10	hsa-miR-517a-3p	MIMAT0002852	YP00206019
E11	hsa-miR-302c-3p	MIMAT0000717	YP00204403	M11	hsa-miR-361-3p	MIMAT0004682	YP00204008
E12	hsa-miR-625-3p	MIMAT0004808	YP00204647	M12	hsa-miR-21-3p	MIMAT0004494	YP00204302
E13	hsa-miR-339-5p	MIMAT0000764	YP00206007	M13	hsa-miR-373-3p	MIMAT0000726	YP00204604
E14	hsa-miR-873-5p	MIMAT0004953	YP00204175	M14	hsa-miR-518f-3p	MIMAT0002842	YP00204140
E15	hsa-miR-323a-3p	MIMAT0000755	YP00204278	M15	hsa-miR-222-3p	MIMAT0000279	YP00204551
E16	hsa-miR-181d-5p	MIMAT0002821	YP00204789	M16	hsa-miR-617	MIMAT0003286	YP00204564
E17	hsa-miR-125a-5p	MIMAT0000443	YP00204339	M17	hsa-miR-154-5p	MIMAT0000452	YP00204518
E18	hsa-miR-129-5p	MIMAT0000242	YP00204534	M18	hsa-miR-708-5p	MIMAT0004926	YP00204490
E19	hsa-miR-492	MIMAT0002812	YP00204053	M19	hsa-lef-7b-5p	MIMAT0000063	YP00204750
E20	hsa-miR-20a-5p	MIMAT0000075	YP00204292	M20	hsa-miR-95-3p	MIMAT0000094	YP00204288
E21	hsa-miR-374b-5p	MIMAT0004955	YP00204608	M21	hsa-miR-517c-3p	MIMAT0002866	YP00204177
E22	hsa-miR-302d-3p	MIMAT0000718	YP00204311	M22	hsa-miR-151a-5p	MIMAT0004697	YP00204007
E23	hsa-miR-346	MIMAT0000773	YP00206009	M23	hsa-miR-502-5p	MIMAT0002873	YP00204449
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F03	hsa-miR-99a-3p	MIMAT0004511	YP00204520	N03	hsa-miR-382-5p	MIMAT0000737	YP00204169
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F05	hsa-miR-202-3p	MIMAT0002811	YP00205990	N05	hsa-miR-200c-3p	MIMAT0000617	YP00204482
F06	hsa-miR-125b-5p	MIMAT0000423	YP00205713	N06	hsa-miR-30a-5p	MIMAT0000087	YP00205695
F07	hsa-miR-503-5p	MIMAT0002874	YP00204334	N07	hsa-miR-181b-5p	MIMAT0000257	YP00204530
F08	hsa-miR-204-5p	MIMAT0000265	YP00206072	N08	hsa-miR-33a-5p	MIMAT0000091	YP00205690
F09	hsa-miR-30d-5p	MIMAT0000245	YP00206047	N09	hsa-miR-195-5p	MIMAT0000461	YP00205869
F10	hsa-miR-301a-3p	MIMAT0000688	YP00205601	N10	hsa-miR-874-3p	MIMAT0004911	YP00204761
F11	hsa-miR-362-5p	MIMAT0000705	YP00204618	N11	hsa-miR-135a-5p	MIMAT0000428	YP00204762
F12	hsa-miR-30b-3p	MIMAT0004589	YP00206003	N12	hsa-miR-26a-2-3p	MIMAT0004681	YP00204676
F13	hsa-miR-654-5p	MIMAT0003330	YP00204439	N13	hsa-miR-146b-5p	MIMAT0002809	YP00204553
F14	hsa-miR-545-3p	MIMAT0003165	YP00206087	N14	hsa-miR-412-3p	MIMAT0002170	YP00204460
F15	hsa-miR-29b-2-5p	MIMAT0004515	YP00204208	N15	hsa-miR-1-3p	MIMAT0000416	YP00204344
F16	hsa-miR-491-5p	MIMAT0002807	YP00204695	N16	hsa-miR-299-3p	MIMAT0000687	YP00204702
F17	hsa-miR-92b-3p	MIMAT0003218	YP00204384	N17	hsa-miR-142-3p	MIMAT0000434	YP00204291
F18	hsa-miR-665	MIMAT0004952	YP00204710	N18	hsa-miR-338-3p	MIMAT0000763	YP00204719
F19	hsa-miR-506-3p	MIMAT0002878	YP00204539	N19	hsa-miR-584-5p	MIMAT0003249	YP00204568
F20	hsa-miR-363-3p	MIMAT0000707	YP00204726	N20	hsa-miR-377-3p	MIMAT0000730	YP00204733
F21	hsa-miR-132-3p	MIMAT0000426	YP00206035	N21	hsa-miR-216a-5p	MIMAT0000273	YP00204167
F22	hsa-miR-651-5p	MIMAT0003321	YP00205864	N22	hsa-miR-424-5p	MIMAT0001341	YP00204736
F23	hsa-miR-628-3p	MIMAT0003297	YP00206057	N23	hsa-miR-921	MIMAT0004971	YP00204281
F24	hsa-miR-432-5p	MIMAT0002814	YP00204776	N24	hsa-miR-513a-5p	MIMAT0002877	YP00205900
G01	hsa-miR-154-3p	MIMAT0000453	YP00204096	O01	hsa-miR-140-3p	MIMAT0004597	YP00204304
G02	hsa-miR-27a-3p	MIMAT0000084	YP00206038	O02	hsa-miR-181a-5p	MIMAT0000256	YP00206081
G03	hsa-miR-376c-3p	MIMAT0000720	YP00204442	O03	hsa-miR-10a-5p	MIMAT0000253	YP00204778
G04	hsa-miR-940	MIMAT0004983	YP00204094	O04	hsa-miR-106a-5p	MIMAT0000103	YP00204563
G05	hsa-miR-22-5p	MIMAT0004495	YP00204255	O05	hsa-miR-182-5p	MIMAT0000259	YP00206070

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
G06	hsa-miR-224-5p	MIMAT0000281	YP00204641	O06	hsa-miR-370-3p	MIMAT0000722	YP00204011
G07	hsa-miR-885-5p	MIMAT0004947	YP00204473	O07	hsa-miR-576-5p	MIMAT0003241	YP00206064
G08	hsa-miR-320a-3p	MIMAT0000510	YP00206042	O08	hsa-miR-425-3p	MIMAT0001343	YP00204038
G09	hsa-miR-18b-5p	MIMAT0001412	YP00204084	O09	hsa-miR-450a-5p	MIMAT0001545	YP00206085
G10	hsa-miR-187-3p	MIMAT0000262	YP00204018	O10	hsa-miR-411-5p	MIMAT0003329	YP00204531
G11	hsa-miR-516b-5p	MIMAT0002859	YP00204558	O11	hsa-miR-216b-5p	MIMAT0004959	YP00204289
G12	hsa-miR-302c-5p	MIMAT0000716	YP00205940	O12	hsa-miR-106b-5p	MIMAT0000680	YP00205884
G13	hsa-miR-548b-3p	MIMAT0003254	YP00204485	O13	hsa-miR-22-3p	MIMAT0000077	YP00204606
G14	hsa-miR-186-5p	MIMAT0000456	YP00206053	O14	hsa-miR-510-5p	MIMAT0002882	YP00204349
G15	hsa-miR-199a-5p	MIMAT0000231	YP00204494	O15	hsa-miR-212-3p	MIMAT0000269	YP00204170
G16	hsa-miR-155-5p	MIMAT0000646	YP00204308	O16	hsa-miR-525-5p	MIMAT0002838	YP00204355
G17	hsa-miR-107	MIMAT0000104	YP00204468	O17	hsa-miR-542-5p	MIMAT0003340	YP00204198
G18	hsa-miR-302b-3p	MIMAT0000715	YP00204773	O18	hsa-miR-576-3p	MIMAT0004796	YP00204195
G19	hsa-miR-662	MIMAT0003325	YP00204180	O19	hsa-miR-583	MIMAT0003248	YP00204021
G20	hsa-miR-519d-3p	MIMAT0002853	YP00204062	O20	hsa-miR-483-3p	MIMAT0002173	YP00204012
G21	hsa-miR-485-3p	MIMAT0002176	YP00206055	O21	hsa-miR-582-5p	MIMAT0003247	YP00204254
G22	hsa-miR-200b-3p	MIMAT0000318	YP00206071	O22	hsa-miR-183-5p	MIMAT0000261	YP00206030
G23	hsa-miR-337-3p	MIMAT0000754	YP00205938	O23	hsa-miR-33b-5p	MIMAT0003301	YP00205860
G24	hsa-miR-494-3p	MIMAT0002816	YP00204579	O24	hsa-miR-193a-3p	MIMAT0000459	YP00204591
H01	hsa-miR-371a-3p	MIMAT0000723	YP00204299	P01	hsa-miR-153-3p	MIMAT0000439	YP00204338
H02	hsa-miR-637	MIMAT0003307	YP00205679	P02	hsa-lef-7e-5p	MIMAT0000066	YP00205711
H03	hsa-miR-144-3p	MIMAT0000436	YP00204754	P03	hsa-miR-409-3p	MIMAT0001639	YP00204358
H04	hsa-miR-16-1-3p	MIMAT0004489	YP00206012	P04	hsa-miR-100-5p	MIMAT0000098	YP00205689
H05	hsa-miR-631	MIMAT0003300	YP00204312	P05	hsa-miR-629-5p	MIMAT0004810	YP00204370
H06	hsa-miR-34c-5p	MIMAT0000686	YP00205659	P06	hsa-miR-484	MIMAT0002174	YP00205636
H07	hsa-miR-211-5p	MIMAT0000268	YP00204009	P07	hsa-miR-429	MIMAT0001536	YP00205901
H08	hsa-miR-454-3p	MIMAT0003885	YP00205663	P08	hsa-miR-30c-2-3p	MIMAT0004550	YP00205632
H09	hsa-lef-7f-5p	MIMAT0000067	YP00204359	P09	hsa-miR-518a-3p	MIMAT0002863	YP00206069
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H13	hsa-miR-518e-3p	MIMAT0002861	YP00204051	P13	hsa-miR-148a-3p	MIMAT0000243	YP00205867
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H15	hsa-miR-658	MIMAT0003336	YP00204522	P15	hsa-miR-139-5p	MIMAT0000250	YP00205874
H16	hsa-miR-572	MIMAT0003237	YP00204696	P16	hsa-miR-373-5p	MIMAT0000725	YP00204703
H17	hsa-miR-802	MIMAT0004185	YP00205980	P17	hsa-miR-149-5p	MIMAT0000450	YP00204321
H18	hsa-miR-521	MIMAT0002854	YP00205890	P18	hsa-miR-642a-5p	MIMAT0003312	YP00204793
H19	hsa-miR-433-3p	MIMAT0001627	YP00204036	P19	hsa-miR-31-5p	MIMAT0000089	YP00204236
H20	hsa-miR-660-5p	MIMAT0003338	YP00205911	P20	hsa-miR-451a	MIMAT0001631	YP02119305
H21	hsa-lef-7c-5p	MIMAT0000064	YP00204767	P21	hsa-miR-620	MIMAT0003289	YP00204637
H22	hsa-miR-28-5p	MIMAT0000085	YP00204322	P22	hsa-miR-27b-3p	MIMAT0000419	YP00205915
H23	hsa-miR-324-5p	MIMAT0000761	YP00204057	P23	hsa-miR-523-3p	MIMAT0002840	YP00204452
H24	hsa-miR-219a-5p	MIMAT0000276	YP00204780	P24	hsa-miR-374a-5p	MIMAT0000727	YP00204758



## 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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