

# miRCURY LNA miRNA miRNome PCR Panels

## Human Panel 3, V6 Product Data Sheet

Cat. no. 339322 YAHS-303X

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-303XE
G	Roche® LightCycler® 480 (384-well block)	384-well	YAHS-303XG

### 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-4276	hsa-miR-302a-5p	hsa-miR-3612	hsa-miR-4254	hsa-miR-4260	hsa-miR-4324	hsa-miR-3938	hsa-miR-642b-3p	hsa-miR-548v	hsa-miR-4262
hsa-miR-3944-3p	hsa-miR-509-5p	hsa-miR-4732-3p	hsa-miR-4536-3p	hsa-miR-1260b	hsa-miR-3667-3p	hsa-miR-4312	hsa-miR-4306	hsa-miR-4304	hsa-miR-3918
hsa-miR-4325	hsa-miR-2355-5p	hsa-miR-3198	hsa-miR-676-3p	hsa-miR-3199	hsa-miR-1321	hsa-miR-670-5p	hsa-miR-3130-5p	hsa-miR-4293	hsa-miR-3921
hsa-miR-4261	hsa-miR-1301-3p	hsa-miR-3681-3p	hsa-miR-575	hsa-miR-3713	hsa-miR-3616-3p	hsa-miR-3616-5p	hsa-miR-4288	hsa-miR-1302	hsa-miR-4273
hsa-miR-1284	hsa-miR-3662	hsa-miR-1323	hsa-miR-4311	hsa-miR-1285-3p	hsa-miR-3163	hsa-miR-1286	hsa-miR-3935	hsa-miR-1287-5p	hsa-miR-2276-3p
hsa-miR-1180-3p	hsa-miR-4282	hsa-miR-374c-5p	hsa-miR-3146	hsa-miR-4280	hsa-miR-548w	hsa-miR-3147	hsa-miR-3143	hsa-miR-1207-3p	hsa-miR-4268
hsa-miR-4714-3p	hsa-miR-4302	hsa-miR-2114-3p	hsa-miR-4286	hsa-miR-3618	hsa-miR-3683	hsa-miR-548o-3p	hsa-miR-4314	hsa-miR-3132	hsa-miR-1910-5p
hsa-miR-3942-5p	hsa-miR-3691-5p	hsa-miR-657	hsa-miR-3934-5p	hsa-miR-4257	hsa-miR-3672	hsa-miR-3651	hsa-miR-2116-5p	hsa-miR-2909	hsa-miR-3622b-3p
hsa-miR-3119	hsa-miR-3135b	hsa-miR-3200-3p	hsa-miR-1231	hsa-miR-378c	hsa-miR-1233-3p	hsa-miR-3168	hsa-miR-1236-3p	hsa-miR-4518	hsa-miR-3939
hsa-miR-3678-3p	hsa-miR-4319	hsa-miR-3679-5p	hsa-miR-4300	hsa-miR-4265	hsa-miR-3150b-3p	hsa-miR-3661	hsa-miR-2116-3p	hsa-miR-1293	hsa-miR-4279
hsa-miR-4732-3p	hsa-miR-3617-5p	hsa-miR-3649	hsa-miR-4799-5p	hsa-miR-3135b	hsa-miR-3650	hsa-miR-4290	hsa-miR-3161	hsa-miR-3128	hsa-miR-4267
hsa-miR-3714	hsa-miR-1257	hsa-miR-3186-5p	hsa-miR-4306	hsa-miR-3125	hsa-miR-1262	hsa-miR-4251	hsa-miR-1263	hsa-miR-449c-5p	hsa-miR-613
hsa-miR-3920	hsa-miR-3193	hsa-miR-4296	hsa-miR-4263	hsa-miR-3159	hsa-miR-2115-5p	hsa-miR-4766-3p	hsa-miR-3170	hsa-miR-548u	hsa-miR-3190-3p
hsa-miR-3133	hsa-miR-3136-5p	hsa-miR-3614-3p	hsa-miR-3131	hsa-miR-3155a	hsa-miR-4297	hsa-miR-548ah-3p	hsa-miR-3689e	hsa-miR-5706	hsa-miR-3129-5p
hsa-miR-3923	hsa-miR-548f-5p	hsa-miR-4271	hsa-miR-4318	hsa-miR-3116	hsa-miR-3065-3p	hsa-miR-196a-3p	hsa-miR-3141	hsa-miR-3179	hsa-miR-1976
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-320e	hsa-miR-5706	hsa-miR-3613-3p	hsa-miR-3154	hsa-miR-3913-5p	hsa-miR-3670	hsa-miR-2355-3p	hsa-miR-4659a-5p	hsa-miR-29b-1-5p	hsa-miR-3667-5p
hsa-miR-3605-3p	hsa-miR-3666	hsa-miR-3149	hsa-miR-323b-3p	hsa-miR-4255	hsa-miR-3912-3p	hsa-miR-3925-5p	hsa-miR-4285	hsa-miR-4252	hsa-miR-1193
hsa-miR-3175	hsa-miR-4294	hsa-miR-3182	hsa-miR-548aa	hsa-miR-3678-5p	hsa-miR-297	hsa-miR-3124-5p	hsa-miR-3162-5p	hsa-miR-3684	hsa-miR-3659
hsa-miR-485-5p	hsa-miR-3943	hsa-miR-3675-5p	hsa-miR-378b	hsa-miR-3685	hsa-miR-3606-5p	hsa-miR-1299	hsa-miR-3120-3p	hsa-miR-3194-5p	hsa-miR-3164
hsa-miR-4799-5p	hsa-miR-3158-5p	hsa-miR-3945	hsa-miR-1281	hsa-miR-2117	hsa-miR-1282	hsa-miR-4283	hsa-miR-1283	hsa-miR-3186-3p	hsa-miR-542-3p
hsa-miR-1289	hsa-miR-1827	hsa-miR-648	hsa-miR-1228-5p	hsa-miR-4328	hsa-miR-1290	hsa-miR-3200-5p	hsa-miR-3122	hsa-miR-3654	hsa-miR-5187-3p
hsa-miR-3917	hsa-miR-3185	hsa-miR-500a-3p	hsa-miR-186-3p	hsa-miR-3926	hsa-miR-892b	hsa-miR-3140-3p	hsa-miR-3611	hsa-miR-3142	hsa-miR-1909-5p
hsa-miR-3688-3p	hsa-miR-4253	hsa-miR-4301	hsa-miR-3158-3p	hsa-miR-4999-5p	hsa-miR-3202	hsa-miR-3127-5p	hsa-miR-4470	hsa-miR-449c-3p	hsa-miR-1291
hsa-miR-1261	hsa-miR-1297	hsa-miR-4305	hsa-miR-3692-3p	hsa-miR-1298-5p	hsa-miR-2052	hsa-miR-103a-2-5p	hsa-miR-3130-3p	hsa-miR-23c	hsa-miR-1197
hsa-miR-3622a-5p	hsa-miR-3198	hsa-miR-1251-5p	hsa-miR-3201	hsa-miR-3922-3p	hsa-miR-3605-5p	hsa-miR-148a-5p	hsa-miR-3909	hsa-miR-4310	hsa-miR-3914
hsa-miR-374a-3p	hsa-miR-3167	hsa-miR-497-3p	hsa-miR-3166	hsa-miR-3927-3p	hsa-miR-3126-5p	hsa-miR-3184-5p	hsa-miR-545-5p	hsa-miR-3065-5p	hsa-miR-550b-3p
hsa-miR-656-3p	hsa-miR-3664-5p	hsa-miR-664a-5p	hsa-miR-550a-3p	hsa-miR-3121-3p	hsa-miR-1825	hsa-miR-3135a	hsa-miR-514b-5p	hsa-miR-1255a	hsa-miR-3652
hsa-miR-3668	hsa-miR-4323	hsa-miR-3660	hsa-miR-2278	hsa-miR-3156-5p	hsa-miR-1276	hsa-miR-4275	hsa-miR-1277-3p	hsa-miR-3074-3p	hsa-miR-544b
hsa-miR-3150a-3p	hsa-miR-3153	hsa-miR-3134	hsa-miR-4278	hsa-miR-3115	hsa-miR-3151-5p	hsa-miR-3157-5p	hsa-miR-4287	hsa-miR-3148	hsa-miR-4317
hsa-miR-3924	hsa-miR-3655	hsa-miR-3152-3p	hsa-miR-3144-5p	hsa-miR-548q	hsa-miR-3180-3p	hsa-miR-3145-3p	hsa-miR-3657	hsa-miR-3941	hsa-miR-4264
hsa-miR-4316	hsa-miR-3144-3p	hsa-miR-942-3p	hsa-miR-95-5p	hsa-miR-3910	hsa-miR-1304-5p	hsa-miR-301b-3p	BlankSpot	SNORD44 (hsa)	SNORD38B (hsa)

	1	2	3	4
A	hsa-miR-1305	hsa-miR-1306-3p	hsa-miR-4452	hsa-miR-3173-3p
B	hsa-miR-3118	hsa-miR-3919	hsa-miR-1307-3p	hsa-miR-3137
C	hsa-miR-3674	hsa-miR-3174	hsa-miR-3671	hsa-miR-466
D	hsa-miR-3682-3p	hsa-miR-548s	hsa-miR-633	hsa-miR-3907
E	hsa-miR-1322	hsa-miR-4291	hsa-miR-1278	hsa-miR-764
F	hsa-miR-1288-3p	hsa-miR-514b-3p	hsa-miR-1303	hsa-miR-4307
G	hsa-miR-3680-5p	hsa-miR-1224-5p	hsa-miR-1226-3p	hsa-miR-4277
H	hsa-miR-1324	hsa-miR-3679-3p	hsa-miR-3658	hsa-miR-3915
I	hsa-miR-1294	hsa-miR-4289	hsa-miR-1295a	hsa-miR-3687
J	hsa-miR-2115-3p	hsa-miR-3117-3p	hsa-miR-4477b	hsa-miR-1250-5p
K	hsa-miR-4303	hsa-miR-3126-3p	hsa-miR-3176	hsa-miR-676-5p
L	hsa-miR-4299	hsa-miR-3908	hsa-miR-3681-5p	hsa-miR-3139
M	hsa-miR-4258	hsa-miR-1266-5p	hsa-miR-4309	hsa-miR-3177-3p
N	hsa-miR-3171	hsa-miR-3690	hsa-miR-4330	hsa-miR-4766-3p
O	hsa-miR-3191-3p	hsa-miR-3916	hsa-miR-2114-5p	hsa-miR-4298
P	hsa-miR-4274	hsa-miR-3165	hsa-miR-4308	hsa-miR-3160-3p

miRNA Table

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
A01	hsa-miR-1305	MIMAT0005893	YP02118778	I01	hsa-miR-1294	MIMAT0005884	YP02109036
A02	hsa-miR-1306-3p	MIMAT0005950	YP02119520	I02	hsa-miR-4289	MIMAT0016920	YP02113941
A03	hsa-miR-4452	MIMAT0018974	YP02105054	I03	hsa-miR-1295a	MIMAT0005885	YP02113131
A04	hsa-miR-3173-3p	MIMAT0015048	YP02114341	I04	hsa-miR-3687	MIMAT0018115	YP02114671
A05	hsa-miR-320e	MIMAT0015072	YP02103235	I05	hsa-miR-1261	MIMAT0005913	YP00205716
A06	hsa-miR-5706	MIMAT0022500	YP02113815	I06	hsa-miR-1297	MIMAT0005886	YP02100221
A07	hsa-miR-3613-3p	MIMAT0017991	YP02100646	I07	hsa-miR-4305	MIMAT0016857	YP02112386
A08	hsa-miR-3154	MIMAT0015028	YP02114160	I08	hsa-miR-3692-3p	MIMAT0018122	YP02113419
A09	hsa-miR-3913-5p	MIMAT0018187	YP02103624	I09	hsa-miR-1298-5p	MIMAT0005800	YP02108491
A10	hsa-miR-3670	MIMAT0018093	YP02104621	I10	hsa-miR-2052	MIMAT0009977	YP02116015
A11	hsa-miR-2355-3p	MIMAT0017950	YP02118968	I11	hsa-miR-103a-2-5p	MIMAT0009196	YP00204609
A12	hsa-miR-4659a-5p	MIMAT0019726	YP02114501	I12	hsa-miR-3130-3p	MIMAT0014994	YP02108951
A13	hsa-miR-29b-1-5p	MIMAT0004514	YP00205623	I13	hsa-miR-23c	MIMAT0018000	YP02105008
A14	hsa-miR-3667-5p	MIMAT0018089	YP02108319	I14	hsa-miR-1197	MIMAT0005955	YP02113584
A15	hsa-miR-4276	MIMAT0016904	YP02106443	I15	hsa-miR-3119	MIMAT0014981	YP02104128
A16	hsa-miR-302a-5p	MIMAT0000683	YP00204699	I16	hsa-miR-3135b	MIMAT0018985	YP02114177
A17	hsa-miR-3612	MIMAT0017989	YP02111812	I17	hsa-miR-3200-3p	MIMAT0015085	YP02112132
A18	hsa-miR-4254	MIMAT0016884	YP02112721	I18	hsa-miR-1231	MIMAT0005586	YP02119498
A19	hsa-miR-4260	MIMAT0016881	YP02101761	I19	hsa-miR-378c	MIMAT0016847	YP02109675
A20	hsa-miR-4324	MIMAT0016876	YP02108405	I20	hsa-miR-1233-3p	MIMAT0005588	YP02116905
A21	hsa-miR-3938	MIMAT0018353	YP02116726	I21	hsa-miR-3168	MIMAT0015043	YP02106500
A22	hsa-miR-642b-3p	MIMAT0018444	YP02103759	I22	hsa-miR-1236-3p	MIMAT0005591	YP02111648
A23	hsa-miR-548v	MIMAT0015020	YP02107607	I23	hsa-miR-4518	MIMAT0019055	YP02106110
A24	hsa-miR-4262	MIMAT0016894	YP02118051	I24	hsa-miR-3939	MIMAT0018355	YP02115536
B01	hsa-miR-3118	MIMAT0014980	YP02106587	J01	hsa-miR-2115-3p	MIMAT0011159	YP02103136
B02	hsa-miR-3919	MIMAT0018193	YP02109375	J02	hsa-miR-3117-3p	MIMAT0014979	YP02108014
B03	hsa-miR-1307-3p	MIMAT0005951	YP02103132	J03	hsa-miR-4477b	MIMAT0019005	YP02105940
B04	hsa-miR-3137	MIMAT0015005	YP02109715	J04	hsa-miR-1250-5p	MIMAT0005902	YP00205651
B05	hsa-miR-3605-3p	MIMAT0017982	YP02113576	J05	hsa-miR-3622a-5p	MIMAT0018003	YP02108403
B06	hsa-miR-3666	MIMAT0018088	YP02101822	J06	hsa-miR-3198	MIMAT0015083	YP02119447
B07	hsa-miR-3149	MIMAT0015022	YP02113078	J07	hsa-miR-1251-5p	MIMAT0005903	YP00205715
B08	hsa-miR-323b-3p	MIMAT0015050	YP02100923	J08	hsa-miR-3201	MIMAT0015086	YP02119150
B09	hsa-miR-4255	MIMAT0016885	YP02110254	J09	hsa-miR-3922-3p	MIMAT0018197	YP02117005
B10	hsa-miR-3912-3p	MIMAT0018186	YP02102954	J10	hsa-miR-3605-5p	MIMAT0017981	YP02103942
B11	hsa-miR-3925-5p	MIMAT0018200	YP02106663	J11	hsa-miR-148a-5p	MIMAT0004549	YP00204188
B12	hsa-miR-4285	MIMAT0016913	YP02104979	J12	hsa-miR-3909	MIMAT0018183	YP02103937
B13	hsa-miR-4252	MIMAT0016886	YP02105111	J13	hsa-miR-4310	MIMAT0016862	YP02119555
B14	hsa-miR-1193	MIMAT0015049	YP02115297	J14	hsa-miR-3914	MIMAT0018188	YP02105750
B15	hsa-miR-3944-3p	MIMAT0018360	YP02119421	J15	hsa-miR-3678-3p	MIMAT0018103	YP02115318
B16	hsa-miR-509-5p	MIMAT0004779	YP02103795	J16	hsa-miR-4319	MIMAT0016870	YP02111871
B17	hsa-miR-4732-3p	MIMAT0019856	YP02106069	J17	hsa-miR-3679-5p	MIMAT0018104	YP02109537
B18	hsa-miR-4536-3p	MIMAT0020959	YP02102426	J18	hsa-miR-4300	MIMAT0016853	YP02117892
B19	hsa-miR-1260b	MIMAT0015041	YP02106579	J19	hsa-miR-4265	MIMAT0016891	YP02118209
B20	hsa-miR-3667-3p	MIMAT0018090	YP02112332	J20	hsa-miR-3150b-3p	MIMAT0018194	YP02109258
B21	hsa-miR-4312	MIMAT0016864	YP02107126	J21	hsa-miR-3661	MIMAT0018082	YP02103023
B22	hsa-miR-4326	MIMAT0016888	YP02103754	J22	hsa-miR-2116-3p	MIMAT0011161	YP02104585
B23	hsa-miR-4304	MIMAT0016854	YP02103864	J23	hsa-miR-1293	MIMAT0005883	YP02110424
B24	hsa-miR-3918	MIMAT0018192	YP02119250	J24	hsa-miR-4279	MIMAT0016909	YP02106388
C01	hsa-miR-3674	MIMAT0018097	YP02109756	K01	hsa-miR-4303	MIMAT0016856	YP02101703

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
C02	hsa-miR-3174	MIMAT0015051	YP02117538	K02	hsa-miR-3126-3p	MIMAT0015377	YP02115717
C03	hsa-miR-3671	MIMAT0018094	YP02109323	K03	hsa-miR-3176	MIMAT0015053	YP02113244
C04	hsa-miR-466	MIMAT0015002	YP02113885	K04	hsa-miR-676-5p	MIMAT0018203	YP02114028
C05	hsa-miR-3175	MIMAT0015052	YP02112727	K05	hsa-miR-374a-3p	MIMAT0004688	YP00205692
C06	hsa-miR-4294	MIMAT0016849	YP02111533	K06	hsa-miR-3167	MIMAT0015042	YP02101060
C07	hsa-miR-3182	MIMAT0015062	YP02115918	K07	hsa-miR-497-3p	MIMAT0004768	YP00205660
C08	hsa-miR-548aa	MIMAT0018447	YP02106297	K08	hsa-miR-3166	MIMAT0015040	YP02104301
C09	hsa-miR-3678-5p	MIMAT0018102	YP02113776	K09	hsa-miR-3927-3p	MIMAT0018202	YP02106115
C10	hsa-miR-297	MIMAT0004450	YP02119527	K10	hsa-miR-3126-5p	MIMAT0014989	YP02110514
C11	hsa-miR-3124-5p	MIMAT0014986	YP02119537	K11	hsa-miR-3184-5p	MIMAT0015064	YP02114720
C12	hsa-miR-3162-5p	MIMAT0015036	YP02107673	K12	hsa-miR-545-5p	MIMAT0004785	YP00205682
C13	hsa-miR-3684	MIMAT0018112	YP02109780	K13	hsa-miR-3065-5p	MIMAT0015066	YP02106617
C14	hsa-miR-3659	MIMAT0018080	YP02116948	K14	hsa-miR-550b-3p	MIMAT0018445	YP02103887
C15	hsa-miR-4325	MIMAT0016887	YP02102566	K15	hsa-miR-4732-3p	MIMAT0019856	YP02106069
C16	hsa-miR-2355-5p	MIMAT0016895	YP02100607	K16	hsa-miR-3617-5p	MIMAT0017997	YP02116991
C17	hsa-miR-3198	MIMAT0015083	YP02119447	K17	hsa-miR-3649	MIMAT0018069	YP02109330
C18	hsa-miR-676-3p	MIMAT0018204	YP02112616	K18	hsa-miR-4799-5p	MIMAT0019976	YP02112015
C19	hsa-miR-3199	MIMAT0015084	YP02116364	K19	hsa-miR-3135b	MIMAT0018985	YP02114177
C20	hsa-miR-1321	MIMAT0005952	YP02118243	K20	hsa-miR-3650	MIMAT0018070	YP02102887
C21	hsa-miR-670-5p	MIMAT0010357	YP02109934	K21	hsa-miR-4290	MIMAT0016921	YP02113894
C22	hsa-miR-3130-5p	MIMAT0014995	YP02101081	K22	hsa-miR-3161	MIMAT0015035	YP02117476
C23	hsa-miR-4293	MIMAT0016848	YP02119330	K23	hsa-miR-3128	MIMAT0014991	YP02119445
C24	hsa-miR-3921	MIMAT0018196	YP02109256	K24	hsa-miR-4267	MIMAT0016893	YP02108101
D01	hsa-miR-3682-3p	MIMAT0018110	YP02111637	L01	hsa-miR-4299	MIMAT0016851	YP02103113
D02	hsa-miR-548s	MIMAT0014987	YP02117763	L02	hsa-miR-3908	MIMAT0018182	YP02102183
D03	hsa-miR-633	MIMAT0003303	YP02106059	L03	hsa-miR-3681-5p	MIMAT0018108	YP02119120
D04	hsa-miR-3907	MIMAT0018179	YP02118102	L04	hsa-miR-3139	MIMAT0015007	YP02104758
D05	hsa-miR-485-5p	MIMAT0002175	YP02112548	L05	hsa-miR-656-3p	MIMAT0003332	YP02119466
D06	hsa-miR-3943	MIMAT0018359	YP02109349	L06	hsa-miR-3664-5p	MIMAT0018086	YP02105587
D07	hsa-miR-3675-5p	MIMAT0018098	YP02104697	L07	hsa-miR-664a-5p	MIMAT0005948	YP02115612
D08	hsa-miR-378b	MIMAT0014999	YP02119100	L08	hsa-miR-550a-3p	MIMAT0003257	YP00204795
D09	hsa-miR-3685	MIMAT0018113	YP02106245	L09	hsa-miR-3121-3p	MIMAT0014983	YP02119245
D10	hsa-miR-3606-5p	MIMAT0017983	YP02113117	L10	hsa-miR-1825	MIMAT0006765	YP02119443
D11	hsa-miR-1299	MIMAT0005887	YP02114891	L11	hsa-miR-3135a	MIMAT0015001	YP02107752
D12	hsa-miR-3120-3p	MIMAT0014982	YP02118957	L12	hsa-miR-514b-5p	MIMAT0015087	YP02115289
D13	hsa-miR-3194-5p	MIMAT0015078	YP02101080	L13	hsa-miR-1255a	MIMAT0005906	YP00205597
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D15	hsa-miR-4261	MIMAT0016890	YP02115003	L15	hsa-miR-3714	MIMAT0018165	YP02112326
D16	hsa-miR-1301-3p	MIMAT0005797	YP02111482	L16	hsa-miR-1257	MIMAT0005908	YP02113278
D17	hsa-miR-3681-3p	MIMAT0018109	YP02112938	L17	hsa-miR-3186-5p	MIMAT0015067	YP02101723
D18	hsa-miR-575	MIMAT0003240	YP02114484	L18	hsa-miR-4306	MIMAT0016858	YP02105455
D19	hsa-miR-3713	MIMAT0018164	YP02117308	L19	hsa-miR-3125	MIMAT0014988	YP02118320
D20	hsa-miR-3616-3p	MIMAT0017996	YP02114542	L20	hsa-miR-1262	MIMAT0005914	YP00205672
D21	hsa-miR-3616-5p	MIMAT0017995	YP02112077	L21	hsa-miR-4251	MIMAT0016883	YP02100490
D22	hsa-miR-4288	MIMAT0016918	YP02102818	L22	hsa-miR-1263	MIMAT0005915	YP00204174
D23	hsa-miR-1302	MIMAT0005890	YP02115302	L23	hsa-miR-449c-5p	MIMAT0010251	YP02119451
D24	hsa-miR-4273	MIMAT0016903	YP02105868	L24	hsa-miR-613	MIMAT0003281	YP02107726
E01	hsa-miR-1322	MIMAT0005953	YP02119522	M01	hsa-miR-4258	MIMAT0016879	YP02119162
E02	hsa-miR-4291	MIMAT0016922	YP02115206	M02	hsa-miR-1266-5p	MIMAT0005920	YP00206044
E03	hsa-miR-1278	MIMAT0005936	YP02109979	M03	hsa-miR-4309	MIMAT0016859	YP02105234

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
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E05	hsa-miR-4799-5p	MIMAT0019976	YP02112015	M05	hsa-miR-3668	MIMAT0018091	YP02112764
E06	hsa-miR-3158-5p	MIMAT0019211	YP02116711	M06	hsa-miR-4323	MIMAT0016875	YP02110325
E07	hsa-miR-3945	MIMAT0018361	YP02115442	M07	hsa-miR-3660	MIMAT0018081	YP02106800
E08	hsa-miR-1281	MIMAT0005939	YP02119361	M08	hsa-miR-2278	MIMAT0011778	YP02105280
E09	hsa-miR-2117	MIMAT0011162	YP02103840	M09	hsa-miR-3156-5p	MIMAT0015030	YP02106011
E10	hsa-miR-1282	MIMAT0005940	YP02104324	M10	hsa-miR-1276	MIMAT0005930	YP02107183
E11	hsa-miR-4283	MIMAT0016914	YP02101408	M11	hsa-miR-4275	MIMAT0016905	YP02101219
E12	hsa-miR-1283	MIMAT0005799	YP02104470	M12	hsa-miR-1277-3p	MIMAT0005933	YP02114217
E13	hsa-miR-3186-3p	MIMAT0015068	YP02108664	M13	hsa-miR-3074-3p	MIMAT0015027	YP02116315
E14	hsa-miR-542-3p	MIMAT0003389	YP00205444	M14	hsa-miR-544b	MIMAT0015004	YP02109575
E15	hsa-miR-1284	MIMAT0005941	YP02107484	M15	hsa-miR-3920	MIMAT0018195	YP02101091
E16	hsa-miR-3662	MIMAT0018083	YP02118684	M16	hsa-miR-3193	MIMAT0015077	YP02100644
E17	hsa-miR-1323	MIMAT0005795	YP02103741	M17	hsa-miR-4296	MIMAT0016845	YP02100857
E18	hsa-miR-4311	MIMAT0016863	YP02108881	M18	hsa-miR-4263	MIMAT0016898	YP02119396
E19	hsa-miR-1285-3p	MIMAT0005876	YP02113268	M19	hsa-miR-3159	MIMAT0015033	YP02101997
E20	hsa-miR-3163	MIMAT0015037	YP02107780	M20	hsa-miR-2115-5p	MIMAT0011158	YP02114843
E21	hsa-miR-1286	MIMAT0005877	YP02111048	M21	hsa-miR-4766-3p	MIMAT0019918	YP02104335
E22	hsa-miR-3935	MIMAT0018350	YP02108832	M22	hsa-miR-3170	MIMAT0015045	YP02103985
E23	hsa-miR-1287-5p	MIMAT0005878	YP02107699	M23	hsa-miR-548u	MIMAT0015013	YP02104219
E24	hsa-miR-2276-3p	MIMAT0011775	YP02115594	M24	hsa-miR-3190-3p	MIMAT0022839	YP02105534
F01	hsa-miR-1288-3p	MIMAT0005942	YP02101879	N01	hsa-miR-3171	MIMAT0015046	YP02105869
F02	hsa-miR-514b-3p	MIMAT0015088	YP02108297	N02	hsa-miR-3690	MIMAT0018119	YP02115943
F03	hsa-miR-1303	MIMAT0005891	YP02114522	N03	hsa-miR-4330	MIMAT0016924	YP02105730
F04	hsa-miR-4307	MIMAT0016860	YP02110717	N04	hsa-miR-4766-3p	MIMAT0019918	YP02104335
F05	hsa-miR-1289	MIMAT0005879	YP02109506	N05	hsa-miR-3150a-3p	MIMAT0015023	YP02113040
F06	hsa-miR-1827	MIMAT0006767	YP02112497	N06	hsa-miR-3153	MIMAT0015026	YP02113354
F07	hsa-miR-648	MIMAT0003318	YP02105325	N07	hsa-miR-3134	MIMAT0015000	YP02115497
F08	hsa-miR-1228-5p	MIMAT0005582	YP02112262	N08	hsa-miR-4278	MIMAT0016910	YP02103415
F09	hsa-miR-4328	MIMAT0016926	YP02117568	N09	hsa-miR-3115	MIMAT0014977	YP02104625
F10	hsa-miR-1290	MIMAT0005880	YP02118634	N10	hsa-miR-3151-5p	MIMAT0015024	YP02113164
F11	hsa-miR-3200-5p	MIMAT0017392	YP02109903	N11	hsa-miR-3157-5p	MIMAT0015031	YP02114115
F12	hsa-miR-3122	MIMAT0014984	YP02112390	N12	hsa-miR-4287	MIMAT0016917	YP02111033
F13	hsa-miR-3654	MIMAT0018074	YP02116828	N13	hsa-miR-3148	MIMAT0015021	YP02119446
F14	hsa-miR-5187-3p	MIMAT0021118	YP02115122	N14	hsa-miR-4317	MIMAT0016872	YP02117292
F15	hsa-miR-1180-3p	MIMAT0005825	YP02102171	N15	hsa-miR-3133	MIMAT0014998	YP02105647
F16	hsa-miR-4282	MIMAT0016912	YP02100348	N16	hsa-miR-3136-5p	MIMAT0015003	YP02107031
F17	hsa-miR-374c-5p	MIMAT0018443	YP02114350	N17	hsa-miR-3614-3p	MIMAT0017993	YP02116362
F18	hsa-miR-3146	MIMAT0015018	YP02108476	N18	hsa-miR-3131	MIMAT0014996	YP02105160
F19	hsa-miR-4280	MIMAT0016911	YP02118556	N19	hsa-miR-3155a	MIMAT0015029	YP02100663
F20	hsa-miR-548w	MIMAT0015060	YP02107802	N20	hsa-miR-4297	MIMAT0016846	YP02112513
F21	hsa-miR-3147	MIMAT0015019	YP02106354	N21	hsa-miR-548ah-3p	MIMAT0020957	YP02116102
F22	hsa-miR-3143	MIMAT0015012	YP02113902	N22	hsa-miR-3689e	MIMAT0019009	YP02113857
F23	hsa-miR-1207-3p	MIMAT0005872	YP00205610	N23	hsa-miR-5706	MIMAT0022500	YP02113815
F24	hsa-miR-4268	MIMAT0016896	YP02104995	N24	hsa-miR-3129-5p	MIMAT0014992	YP02114960
G01	hsa-miR-3680-5p	MIMAT0018106	YP02115428	O01	hsa-miR-3191-3p	MIMAT0015075	YP02114802
G02	hsa-miR-1224-5p	MIMAT0005458	YP02108797	O02	hsa-miR-3916	MIMAT0018190	YP02108269
G03	hsa-miR-1226-3p	MIMAT0005577	YP02102736	O03	hsa-miR-2114-5p	MIMAT0011156	YP02109221
G04	hsa-miR-4277	MIMAT0016908	YP02116118	O04	hsa-miR-4298	MIMAT0016852	YP02119449
G05	hsa-miR-3917	MIMAT0018191	YP02106642	O05	hsa-miR-3924	MIMAT0018199	YP02104754

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
G06	hsa-miR-3185	MIMAT0015065	YP02107693	O06	hsa-miR-3655	MIMAT0018075	YP02118256
G07	hsa-miR-500a-3p	MIMAT0002871	YP00205982	O07	hsa-miR-3152-3p	MIMAT0015025	YP02118670
G08	hsa-miR-186-3p	MIMAT0004612	YP02110599	O08	hsa-miR-3144-5p	MIMAT0015014	YP02116220
G09	hsa-miR-3926	MIMAT0018201	YP02110637	O09	hsa-miR-548q	MIMAT0011163	YP02103735
G10	hsa-miR-892b	MIMAT0004918	YP02110497	O10	hsa-miR-3180-3p	MIMAT0015058	YP02104649
G11	hsa-miR-3140-3p	MIMAT0015008	YP02119541	O11	hsa-miR-3145-3p	MIMAT0015016	YP02113486
G12	hsa-miR-3611	MIMAT0017988	YP02106378	O12	hsa-miR-3657	MIMAT0018077	YP02109393
G13	hsa-miR-3142	MIMAT0015011	YP02110330	O13	hsa-miR-3941	MIMAT0018357	YP02108607
G14	hsa-miR-1909-5p	MIMAT0007882	YP00205703	O14	hsa-miR-4264	MIMAT0016899	YP02118385
G15	hsa-miR-4714-3p	MIMAT0019823	YP02102316	O15	hsa-miR-3923	MIMAT0018198	YP02111856
G16	hsa-miR-4302	MIMAT0016855	YP02108009	O16	hsa-miR-548f-5p	MIMAT0015009	YP02116139
G17	hsa-miR-2114-3p	MIMAT0011157	YP02116512	O17	hsa-miR-4271	MIMAT0016901	YP02103404
G18	hsa-miR-4286	MIMAT0016916	YP02112356	O18	hsa-miR-4318	MIMAT0016869	YP02112808
G19	hsa-miR-3618	MIMAT0017998	YP02118233	O19	hsa-miR-3116	MIMAT0014978	YP02119047
G20	hsa-miR-3683	MIMAT0018111	YP02106322	O20	hsa-miR-3065-3p	MIMAT0015378	YP02114101
G21	hsa-miR-548o-3p	MIMAT0005919	YP00204752	O21	hsa-miR-196a-3p	MIMAT0004562	YP02117597
G22	hsa-miR-4314	MIMAT0016868	YP02113557	O22	hsa-miR-3141	MIMAT0015010	YP02107812
G23	hsa-miR-3132	MIMAT0014997	YP02113218	O23	hsa-miR-3179	MIMAT0015056	YP02113829
G24	hsa-miR-1910-5p	MIMAT0007884	YP00206033	O24	hsa-miR-1976	MIMAT0009451	YP02112898
H01	hsa-miR-1324	MIMAT0005956	YP02104152	P01	hsa-miR-4274	MIMAT0016906	YP02109237
H02	hsa-miR-3679-3p	MIMAT0018105	YP02118543	P02	hsa-miR-3165	MIMAT0015039	YP02118817
H03	hsa-miR-3658	MIMAT0018078	YP02119545	P03	hsa-miR-4308	MIMAT0016861	YP02119335
H04	hsa-miR-3915	MIMAT0018189	YP02110570	P04	hsa-miR-3160-3p	MIMAT0015034	YP02114929
H05	hsa-miR-3688-3p	MIMAT0018116	YP02107387	P05	hsa-miR-4316	MIMAT0016867	YP02116593
H06	hsa-miR-4253	MIMAT0016882	YP02119435	P06	hsa-miR-3144-3p	MIMAT0015015	YP02109767
H07	hsa-miR-4301	MIMAT0016850	YP02116818	P07	hsa-miR-942-3p	MIMAT0026734	YP02118338
H08	hsa-miR-3158-3p	MIMAT0015032	YP02107763	P08	hsa-miR-95-5p	MIMAT0026473	YP02101365
H09	hsa-miR-4999-5p	MIMAT0021017	YP02111952	P09	hsa-miR-3910	MIMAT0018184	YP02108262
H10	hsa-miR-3202	MIMAT0015089	YP02116603	P10	hsa-miR-1304-5p	MIMAT0005892	YP02110866
H11	hsa-miR-3127-5p	MIMAT0014990	YP02104545	P11	hsa-miR-301b-3p	MIMAT0004958	YP00204390
H12	hsa-miR-4470	MIMAT0018997	YP02118874	P12	BlankSpot	N/A	YP02119291
H13	hsa-miR-449c-3p	MIMAT0013771	YP02100963	P13	SNORD44 (hsa)	N/A	YP00203902
H14	hsa-miR-1291	MIMAT0005881	YP02107164	P14	SNORD38B (hsa)	N/A	YP00203901
H15	hsa-miR-3942-5p	MIMAT0018358	YP02101651	P15	SNORD49A (hsa)	N/A	YP00203904
H16	hsa-miR-3691-5p	MIMAT0018120	YP02113779	P16	U6 snRNA (v2)	N/A	YP02119464
H17	hsa-miR-657	MIMAT0003335	YP02108736	P17	cel-miR-39-3p	MIMAT0000010	YP00203952
H18	hsa-miR-3934-5p	MIMAT0018349	YP02109655	P18	UniSp2	N/A	YP00203950
H19	hsa-miR-4257	MIMAT0016878	YP02105566	P19	UniSp4	N/A	YP00203953
H20	hsa-miR-3672	MIMAT0018095	YP02107559	P20	UniSp5	N/A	YP00203955
H21	hsa-miR-3651	MIMAT0018071	YP02113836	P21	UniSp6	N/A	YP00203954
H22	hsa-miR-2116-5p	MIMAT0011160	YP02110412	P22	UniSP3	N/A	YP02119288
H23	hsa-miR-2909	MIMAT0013863	YP02108840	P23	UniSP3	N/A	YP02119288
H24	hsa-miR-3622b-3p	MIMAT0018006	YP02118315	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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