

miRCURY LNA miRNA miRNome PCR Panels

Dog Panel Product Data Sheet

Cat. no. 339322 YAFD-301Z

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	YAFD-301ZE
G	Roche® LightCycler® 480 (384-well block)	384-well	YAFD-301ZG

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
cfa-miR-1837	cfa-miR-331	cfa-miR-146a	cfa-miR-429	cfa-miR-872	cfa-miR-34c	cfa-miR-367	cfa-miR-181b	cfa-miR-411	cfa-miR-96
cfa-miR-544	cfa-miR-203	cfa-miR-432	cfa-miR-628	cfa-miR-330	cfa-miR-25	cfa-miR-380	cfa-miR-218	cfa-miR-676	cfa-miR-590
cfa-miR-18b	cfa-miR-16	cfa-miR-543	cfa-miR-98	cfa-miR-216b	cfa-miR-539	cfa-miR-193b	cfa-miR-145	cfa-miR-103	cfa-miR-138a
cfa-miR-379	cfa-miR-1306	cfa-miR-127	cfa-miR-190a	cfa-miR-27a	cfa-miR-28	cfa-miR-490	cfa-let-7b	cfa-miR-128	cfa-miR-137
cfa-miR-329b	cfa-miR-222	cfa-miR-34a	cfa-miR-514	cfa-miR-301a	cfa-miR-1	cfa-miR-1307	cfa-miR-152	cfa-miR-325	cfa-miR-122
cfa-miR-497	cfa-miR-133a	cfa-miR-495	cfa-miR-487b	cfa-miR-17	cfa-miR-205	cfa-miR-589	cfa-miR-599	cfa-miR-212	cfa-miR-487a
cfa-miR-221	cfa-miR-190b	cfa-miR-148b	cfa-miR-101	cfa-miR-350	cfa-let-7j	cfa-miR-15b	cfa-miR-155	cfa-miR-199	cfa-miR-423a
cfa-miR-7	cfa-miR-135a-3p	cfa-miR-376b	cfa-miR-671	cfa-miR-192	cfa-miR-532	cfa-miR-377	cfa-miR-135b	cfa-miR-126	cfa-miR-653
cfa-miR-455	cfa-miR-15a	cfa-miR-106a	cfa-miR-1839	cfa-miR-132	cfa-miR-345	cfa-miR-361	cfa-miR-21	cfa-miR-34b	cfa-miR-186
cfa-miR-151	cfa-miR-202	cfa-miR-452	cfa-miR-183	cfa-miR-338	cfa-miR-320	cfa-miR-185	cfa-miR-207	cfa-miR-485	cfa-miR-448
cfa-miR-200b	cfa-miR-141	cfa-miR-24b	cfa-miR-369	cfa-miR-105a	cfa-miR-708	cfa-miR-200a	cfa-miR-216a	cfa-miR-758	cfa-miR-149
BlankSpot	BlankSpot	BlankSpot	BlankSpot	BlankSpot	BlankSpot	BlankSpot	BlankSpot	BlankSpot	BlankSpot
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RNU5G	RNU1A1	cel-miR-39-3p	UniSp2	UniSp4	UniSp5	UniSp6	UniSp3	UniSp3	UniSp3

5	6	7	8	9	10	11	12	13	14
cfa-miR-219-3p	cfa-miR-494	cfa-miR-208b	cfa-miR-874	cfa-miR-449a	cfa-miR-451	cfa-miR-9	cfa-miR-187	cfa-miR-26a	cfa-miR-761
cfa-miR-504	cfa-miR-106b	cfa-miR-302a	cfa-miR-1835	cfa-miR-204	cfa-miR-193a	cfa-miR-194	cfa-miR-181a	cfa-miR-454	cfa-miR-378
cfa-miR-433	cfa-miR-885	cfa-miR-211	cfa-miR-384	cfa-miR-33a	cfa-miR-342	cfa-miR-217	cfa-miR-1844	cfa-miR-409	cfa-miR-224
cfa-miR-150	cfa-miR-302b	cfa-miR-30c	cfa-miR-876	cfa-miR-95	cfa-miR-568	cfa-miR-365	cfa-miR-582	cfa-miR-545	cfa-miR-421
cfa-miR-376a	cfa-miR-29a	cfa-miR-133b	cfa-miR-144	cfa-miR-759	cfa-miR-500	cfa-miR-181c	cfa-miR-424	cfa-miR-223	cfa-miR-300
cfa-miR-1841	cfa-miR-542	cfa-let-7f	cfa-miR-105b	cfa-miR-1838	cfa-miR-503	cfa-miR-363	cfa-miR-191	cfa-miR-410	cfa-miR-664
cfa-miR-219-5p	cfa-miR-148a	cfa-miR-660	cfa-miR-182	cfa-let-7c	cfa-miR-200c	cfa-miR-136	cfa-miR-326	cfa-miR-382	cfa-miR-215
cfa-miR-652	cfa-miR-19b	cfa-miR-574	cfa-let-7g	cfa-miR-592	cfa-miR-302d	cfa-miR-489	cfa-miR-153	cfa-miR-488	cfa-miR-22
cfa-miR-329a	cfa-miR-371	cfa-miR-125a	cfa-miR-184	cfa-miR-181d	cfa-miR-324	cfa-miR-140	cfa-miR-1836	cfa-miR-32	cfa-miR-499
cfa-miR-29c	cfa-miR-24	cfa-miR-130a	cfa-miR-146b	cfa-miR-376c	cfa-miR-23a	cfa-miR-493	cfa-miR-188	cfa-miR-875	cfa-miR-374b
cfa-miR-381	cfa-miR-196a	cfa-miR-30d	cfa-miR-362	cfa-miR-328	cfa-miR-93	cfa-miR-99b	cfa-miR-20a	cfa-miR-340	cfa-miR-92a
cfa-let-7a	cfa-miR-551a	cfa-miR-208a	cfa-miR-19a	cfa-miR-665	cfa-miR-196b	cfa-miR-30b	cfa-miR-99a	cfa-miR-133c	BlankSpot
BlankSpot	BlankSpot	BlankSpot	BlankSpot	BlankSpot	BlankSpot	BlankSpot	BlankSpot	BlankSpot	BlankSpot
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	1	2	3	4
A	cfa-miR-383	cfa-miR-129	cfa-miR-135a-5p	cfa-miR-632
B	cfa-miR-10a	cfa-miR-27b	cfa-miR-206	cfa-miR-375
C	cfa-lef-7e	cfa-miR-124	cfa-miR-496	cfa-miR-10b
D	cfa-miR-483	cfa-miR-450b	cfa-miR-139	cfa-miR-764
E	cfa-miR-20b	cfa-miR-31	cfa-miR-138b	cfa-miR-335
F	cfa-miR-197	cfa-miR-30a	cfa-miR-551b	cfa-miR-299
G	cfa-miR-425	cfa-miR-505	cfa-miR-125b	cfa-miR-30e
H	cfa-miR-450a	cfa-miR-301b	cfa-miR-578	cfa-miR-23b
I	cfa-miR-374a	cfa-miR-210	cfa-miR-1842	cfa-miR-143
J	cfa-miR-502	cfa-miR-92b	cfa-miR-29b	cfa-miR-802
K	cfa-miR-142	cfa-miR-130b	cfa-miR-18a	cfa-miR-195
L	cfa-miR-214	cfa-miR-491	cfa-miR-134	cfa-miR-1271
M	BlankSpot	BlankSpot	BlankSpot	BlankSpot
N	BlankSpot	BlankSpot	BlankSpot	BlankSpot
O	BlankSpot	BlankSpot	BlankSpot	BlankSpot
P	BlankSpot	BlankSpot	BlankSpot	BlankSpot

miRNA Table

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
A01	cfa-miR-383	MIMAT0000738	YP00205904	I01	cfa-miR-374a	MIMAT0006753	YP02105092
A02	cfa-miR-129	MIMAT0000242	YP00204534	I02	cfa-miR-210	MIMAT0009846	YP02119434
A03	cfa-miR-135a-5p	MIMAT0000428	YP00204762	I03	cfa-miR-1842	MIMAT0006701	YP02105706
A04	cfa-miR-632	MIMAT0009923	YP02109451	I04	cfa-miR-143	MIMAT0000435	YP00205992
A05	cfa-miR-219-3p	MIMAT0004675	YP00204674	I05	cfa-miR-329a	MIMAT0006719	YP02119226
A06	cfa-miR-494	MIMAT0002816	YP00204579	I06	cfa-miR-371	MIMAT0007747	YP02108744
A07	cfa-miR-208b	MIMAT0004960	YP00204636	I07	cfa-miR-125a	MIMAT0006609	YP02113289
A08	cfa-miR-874	MIMAT0004911	YP00204761	I08	cfa-miR-184	MIMAT0000454	YP00204601
A09	cfa-miR-449a	MIMAT0001541	YP00204481	I09	cfa-miR-181d	MIMAT0002821	YP00204789
A10	cfa-miR-451	MIMAT0001631	YP02119305	I10	cfa-miR-324	MIMAT0000555	YP02119698
A11	cfa-miR-9	MIMAT0000441	YP00204513	I11	cfa-miR-140	MIMAT0006689	YP00205973
A12	cfa-miR-187	MIMAT0000262	YP00204018	I12	cfa-miR-1836	MIMAT0006618	YP02102791
A13	cfa-miR-26a	MIMAT0000082	YP00206023	I13	cfa-miR-32	MIMAT0006597	YP02116318
A14	cfa-miR-761	MIMAT0010364	YP00205475	I14	cfa-miR-499	MIMAT0002870	YP00205935
A15	cfa-miR-1837	MIMAT0006630	YP02113704	I15	cfa-miR-455	MIMAT0003150	YP00204363
A16	cfa-miR-331	MIMAT0000760	YP00206046	I16	cfa-miR-15a	MIMAT0006647	YP02103582
A17	cfa-miR-146a	MIMAT0000449	YP00204688	I17	cfa-miR-106a	MIMAT0006749	YP02107906
A18	cfa-miR-429	MIMAT0001537	YP00205068	I18	cfa-miR-1839	MIMAT0009456	YP00205327
A19	cfa-miR-872	MIMAT0009940	YP02105613	I19	cfa-miR-132	MIMAT0006732	YP02104207
A20	cfa-miR-34c	MIMAT0000686	YP00205659	I20	cfa-miR-345	MIMAT0006710	YP02109724
A21	cfa-miR-367	MIMAT0004686	YP00205652	I21	cfa-miR-361	MIMAT0000703	YP00206054
A22	cfa-miR-181b	MIMAT0006708	YP02110378	I22	cfa-miR-21	MIMAT0000076	YP00204230
A23	cfa-miR-411	MIMAT0006716	YP02114619	I23	cfa-miR-34b	MIMAT0009838	YP02115618
A24	cfa-miR-96	MIMAT0000095	YP00204417	I24	cfa-miR-186	MIMAT0000456	YP00206053
B01	cfa-miR-10a	MIMAT0006737	YP02113807	J01	cfa-miR-502	MIMAT0004775	YP00204043
B02	cfa-miR-27b	MIMAT0000419	YP00205915	J02	cfa-miR-92b	MIMAT0003218	YP00204384
B03	cfa-miR-206	MIMAT0000462	YP00206073	J03	cfa-miR-29b	MIMAT0000100	YP00204679
B04	cfa-miR-375	MIMAT0000728	YP00204362	J04	cfa-miR-802	MIMAT0004185	YP00205980
B05	cfa-miR-504	MIMAT0002875	YP00204396	J05	cfa-miR-29c	MIMAT0000681	YP00204729
B06	cfa-miR-106b	MIMAT0000680	YP00205884	J06	cfa-miR-24	MIMAT0006614	YP02114589
B07	cfa-miR-302a	MIMAT0000683	YP00204699	J07	cfa-miR-130a	MIMAT0000425	YP00204658
B08	cfa-miR-1835	MIMAT0006596	YP02109032	J08	cfa-miR-146b	MIMAT0003475	YP02119752
B09	cfa-miR-204	MIMAT0000265	YP00206072	J09	cfa-miR-376c	MIMAT0005295	YP00205427
B10	cfa-miR-193a	MIMAT0004614	YP00204665	J10	cfa-miR-23a	MIMAT0006640	YP00205956
B11	cfa-miR-194	MIMAT0000460	YP00204080	J11	cfa-miR-493	MIMAT0003191	YP00205141
B12	cfa-miR-181a	MIMAT0006707	YP02117991	J12	cfa-miR-188	MIMAT0009880	YP02100678
B13	cfa-miR-454	MIMAT0001878	YP02101349	J13	cfa-miR-875	MIMAT0004922	YP00205978
B14	cfa-miR-378	MIMAT0000732	YP00205946	J14	cfa-miR-374b	MIMAT0004955	YP00204608
B15	cfa-miR-544	MIMAT0003164	YP00204646	J15	cfa-miR-151	MIMAT0004697	YP00204007
B16	cfa-miR-203	MIMAT0000264	YP00205914	J16	cfa-miR-202	MIMAT0002810	YP00205616
B17	cfa-miR-432	MIMAT0002814	YP00204776	J17	cfa-miR-452	MIMAT0001635	YP00204301
B18	cfa-miR-628	MIMAT0004809	YP00205893	J18	cfa-miR-183	MIMAT0000261	YP00206030
B19	cfa-miR-330	MIMAT0004693	YP00204372	J19	cfa-miR-338	MIMAT0000581	YP00205126
B20	cfa-miR-25	MIMAT0000081	YP00204361	J20	cfa-miR-320	MIMAT0000510	YP00206042
B21	cfa-miR-380	MIMAT0006717	YP02100534	J21	cfa-miR-185	MIMAT0000455	YP00206037
B22	cfa-miR-218	MIMAT0000275	YP00206034	J22	cfa-miR-207	MIMAT0009935	YP02116131
B23	cfa-miR-676	MIMAT0006762	YP02119105	J23	cfa-miR-485	MIMAT0006725	YP02115752
B24	cfa-miR-590	MIMAT0004801	YP00205448	J24	cfa-miR-448	MIMAT0001532	YP00204643
C01	cfa-let-7e	MIMAT0000066	YP00205711	K01	cfa-miR-142	MIMAT0006736	YP02102101

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
C02	cfa-miR-124	MIMAT0000494	YP02103368	K02	cfa-miR-130b	MIMAT0000691	YP00204317
C03	cfa-miR-496	MIMAT0002818	YP00204441	K03	cfa-miR-18a	MIMAT0001113	YP02100185
C04	cfa-miR-10b	MIMAT0000783	YP00205499	K04	cfa-miR-195	MIMAT0004335	YP00205969
C05	cfa-miR-433	MIMAT0001627	YP00204036	K05	cfa-miR-381	MIMAT0000736	YP00205887
C06	cfa-miR-885	MIMAT0004947	YP00204473	K06	cfa-miR-196a	MIMAT0000226	YP00204386
C07	cfa-miR-211	MIMAT0000668	YP00205091	K07	cfa-miR-30d	MIMAT0006616	YP02118689
C08	cfa-miR-384	MIMAT0001076	YP00205079	K08	cfa-miR-362	MIMAT0000705	YP00204618
C09	cfa-miR-33a	MIMAT0006593	YP02109379	K09	cfa-miR-328	MIMAT0000752	YP00204364
C10	cfa-miR-342	MIMAT0000753	YP00205625	K10	cfa-miR-93	MIMAT0000093	YP00204715
C11	cfa-miR-217	MIMAT0009850	YP02119707	K11	cfa-miR-99b	MIMAT0000689	YP00205983
C12	cfa-miR-1844	MIMAT0006740	YP02104558	K12	cfa-miR-20a	MIMAT0000075	YP00204292
C13	cfa-miR-409	MIMAT0006726	YP02106328	K13	cfa-miR-340	MIMAT0004692	YP00206068
C14	cfa-miR-224	MIMAT0003119	YP00205514	K14	cfa-miR-92a	MIMAT0000092	YP00204258
C15	cfa-miR-18b	MIMAT0001141	YP02100265	K15	cfa-miR-200b	MIMAT0004571	YP00204144
C16	cfa-miR-16	MIMAT0000069	YP00205702	K16	cfa-miR-141	MIMAT0009876	YP02110018
C17	cfa-miR-543	MIMAT0004954	YP00204447	K17	cfa-miR-26b	MIMAT0003531	YP00205953
C18	cfa-miR-98	MIMAT0000096	YP00204640	K18	cfa-miR-369	MIMAT0006727	YP02117852
C19	cfa-miR-216b	MIMAT0004959	YP00204289	K19	cfa-miR-105a	MIMAT0009879	YP02118455
C20	cfa-miR-539	MIMAT0003163	YP00205656	K20	cfa-miR-708	MIMAT0004926	YP00204490
C21	cfa-miR-193b	MIMAT0004767	YP00204065	K21	cfa-miR-200a	MIMAT0001620	YP00206063
C22	cfa-miR-145	MIMAT0000437	YP00204483	K22	cfa-miR-216a	MIMAT0001131	YP00205957
C23	cfa-miR-103	MIMAT0000101	YP00204063	K23	cfa-miR-758	MIMAT0003879	YP00204353
C24	cfa-miR-138a	MIMAT0000430	YP00206078	K24	cfa-miR-149	MIMAT0000450	YP00204321
D01	cfa-miR-483	MIMAT0003120	YP00205218	L01	cfa-miR-214	MIMAT0000271	YP00204510
D02	cfa-miR-450b	MIMAT0006748	YP02106136	L02	cfa-miR-491	MIMAT0006601	YP02115258
D03	cfa-miR-139	MIMAT0006645	YP02100609	L03	cfa-miR-134	MIMAT0000447	YP00205989
D04	cfa-miR-764	MIMAT0009937	YP02114815	L04	cfa-miR-1271	MIMAT0006685	YP02112462
D05	cfa-miR-150	MIMAT0000451	YP00204660	L05	cfa-let-7a	MIMAT0000062	YP00205727
D06	cfa-miR-302b	MIMAT0009856	YP02119400	L06	cfa-miR-551a	MIMAT0003214	YP00204331
D07	cfa-miR-30c	MIMAT0001137	YP00205948	L07	cfa-miR-208a	MIMAT0000241	YP00205619
D08	cfa-miR-876	MIMAT0004924	YP00204527	L08	cfa-miR-19a	MIMAT0000073	YP00205862
D09	cfa-miR-95	MIMAT0000094	YP00204288	L09	cfa-miR-665	MIMAT0009934	YP02105470
D10	cfa-miR-568	MIMAT0003232	YP02119300	L10	cfa-miR-196b	MIMAT0006620	YP02113947
D11	cfa-miR-365	MIMAT0000710	YP00204622	L11	cfa-miR-30b	MIMAT0000420	YP00204765
D12	cfa-miR-582	MIMAT0012833	YP00205723	L12	cfa-miR-99a	MIMAT0003537	YP00205945
D13	cfa-miR-545	MIMAT0009911	YP02115961	L13	cfa-miR-133c	MIMAT0009833	YP02100855
D14	cfa-miR-421	MIMAT0006755	YP02106436	L14	BlankSpot	N/A	YP02119291
D15	cfa-miR-379	MIMAT0000733	YP00205658	L15	BlankSpot	N/A	YP02119291
D16	cfa-miR-1306	MIMAT0006661	YP02110639	L16	BlankSpot	N/A	YP02119291
D17	cfa-miR-127	MIMAT0000446	YP00204048	L17	BlankSpot	N/A	YP02119291
D18	cfa-miR-190a	MIMAT0000458	YP00204763	L18	BlankSpot	N/A	YP02119291
D19	cfa-miR-27a	MIMAT0003532	YP00205971	L19	BlankSpot	N/A	YP02119291
D20	cfa-miR-28	MIMAT0004502	YP00204119	L20	BlankSpot	N/A	YP02119291
D21	cfa-miR-490	MIMAT0002806	YP00205999	L21	BlankSpot	N/A	YP02119291
D22	cfa-let-7b	MIMAT0000063	YP00204750	L22	BlankSpot	N/A	YP02119291
D23	cfa-miR-128	MIMAT0000424	YP00205995	L23	BlankSpot	N/A	YP02119291
D24	cfa-miR-137	MIMAT0006702	YP02119468	L24	BlankSpot	N/A	YP02119291
E01	cfa-miR-20b	MIMAT0003796	YP00205943	M01	BlankSpot	N/A	YP02119291
E02	cfa-miR-31	MIMAT0006599	YP02119121	M02	BlankSpot	N/A	YP02119291
E03	cfa-miR-138b	MIMAT0006646	YP02117682	M03	BlankSpot	N/A	YP02119291

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
E04	cfa-miR-335	MIMAT0000765	YP02119293	M04	BlankSpot	N/A	YP02119291
E05	cfa-miR-376a	MIMAT0000729	YP00204508	M05	BlankSpot	N/A	YP02119291
E06	cfa-miR-29a	MIMAT0000086	YP00204698	M06	BlankSpot	N/A	YP02119291
E07	cfa-miR-133b	MIMAT0000770	YP00206058	M07	BlankSpot	N/A	YP02119291
E08	cfa-miR-144	MIMAT0006734	YP02107159	M08	BlankSpot	N/A	YP02119291
E09	cfa-miR-759	MIMAT0009938	YP02119166	M09	BlankSpot	N/A	YP02119291
E10	cfa-miR-500	MIMAT0006759	YP02103569	M10	BlankSpot	N/A	YP02119291
E11	cfa-miR-181c	MIMAT0006635	YP02112709	M11	BlankSpot	N/A	YP02119291
E12	cfa-miR-424	MIMAT0004749	YP00205918	M12	BlankSpot	N/A	YP02119291
E13	cfa-miR-223	MIMAT0000892	YP00205120	M13	BlankSpot	N/A	YP02119291
E14	cfa-miR-300	MIMAT0009929	YP02114490	M14	BlankSpot	N/A	YP02119291
E15	cfa-miR-329b	MIMAT0001629	YP00206052	M15	BlankSpot	N/A	YP02119291
E16	cfa-miR-222	MIMAT0000279	YP00204551	M16	BlankSpot	N/A	YP02119291
E17	cfa-miR-34a	MIMAT0000255	YP00204486	M17	BlankSpot	N/A	YP02119291
E18	cfa-miR-514	MIMAT0009877	YP02112470	M18	BlankSpot	N/A	YP02119291
E19	cfa-miR-301a	MIMAT0000688	YP00205601	M19	BlankSpot	N/A	YP02119291
E20	cfa-miR-1	MIMAT0006656	YP02119135	M20	BlankSpot	N/A	YP02119291
E21	cfa-miR-1307	MIMAT0005951	YP02103132	M21	BlankSpot	N/A	YP02119291
E22	cfa-miR-152	MIMAT0000438	YP00204294	M22	BlankSpot	N/A	YP02119291
E23	cfa-miR-325	MIMAT0009897	YP02105608	M23	BlankSpot	N/A	YP02119291
E24	cfa-miR-122	MIMAT0000421	YP00205664	M24	BlankSpot	N/A	YP02119291
F01	cfa-miR-197	MIMAT0000227	YP00204380	N01	BlankSpot	N/A	YP02119291
F02	cfa-miR-30a	MIMAT0006604	YP02101182	N02	BlankSpot	N/A	YP02119291
F03	cfa-miR-551b	MIMAT0003233	YP00204067	N03	BlankSpot	N/A	YP02119291
F04	cfa-miR-299	MIMAT0002890	YP00204544	N04	BlankSpot	N/A	YP02119291
F05	cfa-miR-1841	MIMAT0006686	YP02118502	N05	BlankSpot	N/A	YP02119291
F06	cfa-miR-542	MIMAT0003389	YP00205444	N06	BlankSpot	N/A	YP02119291
F07	cfa-let-7f	MIMAT0000067	YP00204359	N07	BlankSpot	N/A	YP02119291
F08	cfa-miR-105b	MIMAT0010198	YP02105638	N08	BlankSpot	N/A	YP02119291
F09	cfa-miR-1838	MIMAT0006644	YP02118006	N09	BlankSpot	N/A	YP02119291
F10	cfa-miR-503	MIMAT0006746	YP02115385	N10	BlankSpot	N/A	YP02119291
F11	cfa-miR-363	MIMAT0006750	YP02110319	N11	BlankSpot	N/A	YP02119291
F12	cfa-miR-191	MIMAT0006638	YP00205972	N12	BlankSpot	N/A	YP02119291
F13	cfa-miR-410	MIMAT0002171	YP00204042	N13	BlankSpot	N/A	YP02119291
F14	cfa-miR-664	MIMAT0006680	YP02114877	N14	BlankSpot	N/A	YP02119291
F15	cfa-miR-497	MIMAT0002820	YP00204354	N15	BlankSpot	N/A	YP02119291
F16	cfa-miR-133a	MIMAT0000340	YP00205954	N16	BlankSpot	N/A	YP02119291
F17	cfa-miR-495	MIMAT0002817	YP00206015	N17	BlankSpot	N/A	YP02119291
F18	cfa-miR-487b	MIMAT0003180	YP00204489	N18	BlankSpot	N/A	YP02119291
F19	cfa-miR-17	MIMAT0000071	YP00206008	N19	BlankSpot	N/A	YP02119291
F20	cfa-miR-205	MIMAT0000266	YP00204487	N20	BlankSpot	N/A	YP02119291
F21	cfa-miR-589	MIMAT0009917	YP02109686	N21	BlankSpot	N/A	YP02119291
F22	cfa-miR-599	MIMAT0003267	YP00205908	N22	BlankSpot	N/A	YP02119291
F23	cfa-miR-212	MIMAT0022695	YP00205401	N23	BlankSpot	N/A	YP02119291
F24	cfa-miR-487a	MIMAT0009902	YP02105771	N24	BlankSpot	N/A	YP02119291
G01	cfa-miR-425	MIMAT0003393	YP00204337	O01	BlankSpot	N/A	YP02119291
G02	cfa-miR-505	MIMAT0004776	YP00205657	O02	BlankSpot	N/A	YP02119291
G03	cfa-miR-125b	MIMAT0000423	YP00205713	O03	BlankSpot	N/A	YP02119291
G04	cfa-miR-30e	MIMAT0000693	YP00204410	O04	BlankSpot	N/A	YP02119291
G05	cfa-miR-219-5p	MIMAT0000276	YP00204780	O05	BlankSpot	N/A	YP02119291

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
G06	cfa-miR-148a	MIMAT0000243	YP00205867	O06	BlankSpot	N/A	YP02119291
G07	cfa-miR-660	MIMAT0003338	YP00205911	O07	BlankSpot	N/A	YP02119291
G08	cfa-miR-182	MIMAT0000259	YP00206070	O08	BlankSpot	N/A	YP02119291
G09	cfa-let-7c	MIMAT0000064	YP00204767	O09	BlankSpot	N/A	YP02119291
G10	cfa-miR-200c	MIMAT0000617	YP00204482	O10	BlankSpot	N/A	YP02119291
G11	cfa-miR-136	MIMAT0000448	YP00204779	O11	BlankSpot	N/A	YP02119291
G12	cfa-miR-326	MIMAT0000756	YP00204512	O12	BlankSpot	N/A	YP02119291
G13	cfa-miR-382	MIMAT0006724	YP02111094	O13	BlankSpot	N/A	YP02119291
G14	cfa-miR-215	MIMAT0009848	YP02102239	O14	BlankSpot	N/A	YP02119291
G15	cfa-miR-221	MIMAT0006757	YP02104713	O15	BlankSpot	N/A	YP02119291
G16	cfa-miR-190b	MIMAT0004929	YP00206031	O16	BlankSpot	N/A	YP02119291
G17	cfa-miR-148b	MIMAT0000759	YP00204047	O17	BlankSpot	N/A	YP02119291
G18	cfa-miR-101	MIMAT0006600	YP00205955	O18	BlankSpot	N/A	YP02119291
G19	cfa-miR-350	MIMAT0006704	YP02111685	O19	BlankSpot	N/A	YP02119291
G20	cfa-let-7j	MIMAT0006763	YP02118067	O20	BlankSpot	N/A	YP02119291
G21	cfa-miR-15b	MIMAT0006676	YP00205964	O21	BlankSpot	N/A	YP02119291
G22	cfa-miR-155	MIMAT0006671	YP02119772	O22	BlankSpot	N/A	YP02119291
G23	cfa-miR-199	MIMAT0006642	YP00205968	O23	BlankSpot	N/A	YP02119291
G24	cfa-miR-423a	MIMAT0004748	YP00205624	O24	BlankSpot	N/A	YP02119291
H01	cfa-miR-450a	MIMAT0001548	YP02116559	P01	BlankSpot	N/A	YP02119291
H02	cfa-miR-301b	MIMAT0004958	YP00204390	P02	BlankSpot	N/A	YP02119291
H03	cfa-miR-578	MIMAT0009915	YP02106311	P03	BlankSpot	N/A	YP02119291
H04	cfa-miR-23b	MIMAT0006612	YP00205959	P04	BlankSpot	N/A	YP02119291
H05	cfa-miR-652	MIMAT0006743	YP02104033	P05	BlankSpot	N/A	YP02119291
H06	cfa-miR-19b	MIMAT0006652	YP02105441	P06	BlankSpot	N/A	YP02119291
H07	cfa-miR-574	MIMAT0003239	YP00206011	P07	BlankSpot	N/A	YP02119291
H08	cfa-let-7g	MIMAT0000414	YP00204565	P08	BlankSpot	N/A	YP02119291
H09	cfa-miR-592	MIMAT0003730	YP00205044	P09	BlankSpot	N/A	YP02119291
H10	cfa-miR-302d	MIMAT0004685	YP00204033	P10	BlankSpot	N/A	YP02119291
H11	cfa-miR-489	MIMAT0009860	YP02109206	P11	BlankSpot	N/A	YP02119291
H12	cfa-miR-153	MIMAT0001119	YP02108790	P12	BlankSpot	N/A	YP02119291
H13	cfa-miR-488	MIMAT0002804	YP00205981	P13	U6 snRNA (v2)	N/A	YP02119464
H14	cfa-miR-22	MIMAT0000077	YP00204606	P14	5S rRNA	N/A	YP00203906
H15	cfa-miR-7	MIMAT0000677	YP02119694	P15	RNU5G	N/A	YP00203908
H16	cfa-miR-135a-3p	MIMAT0004732	YP00205502	P16	RNU1A1	N/A	YP00203909
H17	cfa-miR-376b	MIMAT0002172	YP00204218	P17	cel-miR-39-3p	MIMAT0000010	YP00203952
H18	cfa-miR-671	MIMAT0004819	YP00204024	V	UniSp2	N/A	YP00203950
H19	cfa-miR-192	MIMAT0000222	YP00204099	P19	UniSp4	N/A	YP00203953
H20	cfa-miR-532	MIMAT0002888	YP00204221	P20	UniSp5	N/A	YP00203955
H21	cfa-miR-377	MIMAT0004689	YP00205428	P21	UniSp6	N/A	YP00203954
H22	cfa-miR-135b	MIMAT0000758	YP00204130	P22	UniSP3	N/A	YP02119288
H23	cfa-miR-126	MIMAT0000444	YP00206010	P23	UniSP3	N/A	YP02119288
H24	cfa-miR-653	MIMAT0009924	YP02116273	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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