

miRCURY LNA miRNA miRNome PCR Panels

Rhesus Macaque Panel 1+2 Product Data Sheet

Cat. no. 339322 YAQQ-062Z

For mature miRNA expression profiling using real-time PCR

Format	Suitable real-time cyclers	Plate	Cat. no.
A	Applied Biosystems® models 5700, 7000, 7300, 7500, 7700, 7900HT, ViiA™ 7 (96-well block); Bio-Rad® models iCycler®, iQ™5, MyiQ™, MyiQ2; Bio-Rad/MJ Research Chromo4™; Eppendorf® MasterCycler® ep realplex models 2, 2s, 4, 4s; Stratagene® models Mx3005P®, Mx3000P®; Takara: TP-800	96-well	YAQQ-062Z A
C	Applied Biosystems models 7500 (Fast block), 7900HT (Fast block), StepOnePlus™, ViiA 7 (Fast block)	96-well	YAQQ-062Z C
D	Bio-Rad CFX96™; Bio-Rad/MJ Research models DNA Engine Opticon®, DNA Engine Opticon 2; Stratagene Mx4000®	96-well	YAQQ-062Z D
F	Roche® LightCycler® 480 (96-well block)	96-well	YAQQ-062Z F

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 $\Delta\Delta CT$ method of relative quantification, assessment of reverse transcription performance, and assessment of PCR performance. The Human miRNome miScript miRNA PCR Array enables easy and reliable, SYBR Green-based real-time PCR analysis of the expression of 1008 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*.

miRNA Table: Plate 1

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
A01	mml-miR-142-5p	MIMAT0006199	YP00204722	E01	mml-let-7e-5p	MIMAT0006155	YP00205711
A02	mml-miR-9-5p	MIMAT0006160	YP00204513	E02	mml-miR-376c-3p	MIMAT0006305	YP00204442
A03	mml-miR-150-5p	MIMAT0006211	YP00204660	E03	mml-miR-126	MIMAT0006183	YP00204227
A04	mml-miR-27b-3p	MIMAT0006167	YP00205915	E04	mml-miR-144	MIMAT0006202	YP00204754
A05	mml-miR-101-3p	MIMAT0002431	YP00205967	E05	mml-miR-424-5p	MIMAT0006323	YP00204736
A06	mml-let-7d	MIMAT0006154	YP00204124	E06	mml-miR-30a-5p	MIMAT0002369	YP00205695
A07	mml-miR-103-3p	MIMAT0002447	YP00204063	E07	mml-miR-23b-3p	MIMAT0006165	YP02119756
A08	mml-miR-16-5p	MIMAT0002651	YP00205702	E08	mml-miR-151-5p	MIMAT0006212	YP00204007
A09	mml-miR-26a-5p	MIMAT0002349	YP00206023	E09	mml-miR-195-5p	MIMAT0006228	YP00205869
A10	mml-miR-26b-5p	MIMAT0006166	YP00204172	E10	mml-miR-143-3p	MIMAT0006201	YP00205992
A11	mml-let-7g-5p	MIMAT0006157	YP00204565	E11	mml-miR-30d-5p	MIMAT0006171	YP00206047
A12	mml-miR-30c-5p	MIMAT0006170	YP00204783	E12	mml-miR-191-5p	MIMAT0006223	YP00204306
B01	mml-miR-96	MIMAT0002784	YP02107264	F01	mml-let-7i-5p	MIMAT0006158	YP00204394
B02	mml-miR-185-5p	MIMAT0006219	YP00206037	F02	mml-miR-302a-3p	MIMAT0006259	YP00206059
B03	mml-miR-142-3p	MIMAT0006200	YP00204291	F03	mml-miR-222-3p	MIMAT0006250	YP00204551
B04	mml-miR-24-3p	MIMAT0002337	YP00204260	F04	mml-let-7b-5p	MIMAT0006152	YP00204750
B05	mml-miR-155	MIMAT0006216	YP02119772	F05	mml-miR-19b	MIMAT0002705	YP00204450
B06	mml-miR-146a-5p	MIMAT0006203	YP00204688	F06	mml-miR-17-5p	MIMAT0002700	YP00205960
B07	mml-miR-425	MIMAT0006324	YP00204337	F07	mml-miR-93-5p	MIMAT0002773	YP02110877
B08	mml-miR-181b-5p	MIMAT0002623	YP02101652	F08	mml-miR-186-5p	MIMAT0006220	YP00206053
B09	mml-miR-302b	MIMAT0006260	YP00204773	F09	mml-miR-196b-5p	MIMAT0006229	YP00204555
B10	mml-miR-30b-5p	MIMAT0002213	YP00205970	F10	mml-miR-27a-3p	MIMAT0002753	YP02115113
B11	mml-miR-21-5p	MIMAT0002320	YP00204230	F11	mml-miR-22	MIMAT0002330	YP00204606
B12	mml-miR-30e-5p	MIMAT0006172	YP00204714	F12	mml-miR-130a-3p	MIMAT0002235	YP02117157
C01	mml-miR-200c-3p	MIMAT0002195	YP00205944	G01	mml-let-7c-5p	MIMAT0006153	YP00204767
C02	mml-miR-15b-5p	MIMAT0002207	YP00204243	G02	mml-miR-29c-3p	MIMAT0006169	YP00204729
C03	mml-miR-223	MIMAT0002588	YP00205120	G03	mml-miR-140-3p	MIMAT0006198	YP00204304
C04	mml-miR-194-5p	MIMAT0002727	YP00204080	G04	mml-miR-128a-3p	MIMAT0002229	YP02106902
C05	mml-miR-210-3p	MIMAT0006240	YP00204333	G05	mml-let-7f-5p	MIMAT0006156	YP00204359
C06	mml-miR-15a-5p	MIMAT0002650	YP00204066	G06	mml-miR-122a-5p	MIMAT0006180	YP00205664
C07	mml-miR-181a-5p	MIMAT0002506	YP00206081	G07	mml-miR-20a-5p	MIMAT0002704	YP02116114
C08	mml-miR-125b-5p	MIMAT0002225	YP00205713	G08	mml-miR-106b-5p	MIMAT0002772	YP00205884
C09	mml-miR-99a-5p	MIMAT0002410	YP00204521	G09	mml-miR-7	MIMAT0006159	YP02119694
C10	mml-miR-28-5p	MIMAT0002352	YP00204322	G10	mml-miR-100-5p	MIMAT0002422	YP00205689
C11	mml-miR-320a	MIMAT0006263	YP00206042	G11	mml-miR-302c	MIMAT0006261	YP00204403
C12	mml-miR-125a-5p	MIMAT0006181	YP00204339	G12	mml-miR-1233	MIMAT0012789	YP02116905
D01	mml-miR-29b-3p	MIMAT0006168	YP00204679	H01	U6 snRNA (v2)	N/A	YP02119464
D02	mml-miR-29a-3p	MIMAT0002365	YP00205961	H02	5S rRNA	N/A	YP00203906
D03	mml-miR-141-3p	MIMAT0002196	YP02103425	H03	RNU5G	N/A	YP00203908
D04	mml-miR-19a-3p	MIMAT0002703	YP00205862	H04	RNU1A1	N/A	YP00203909
D05	mml-miR-18a-5p	MIMAT0002702	YP02119027	H05	cel-miR-39-3p	MIMAT0000010	YP00203952
D06	mml-miR-374a-5p	MIMAT0006300	YP00204758	H06	cel-miR-39-3p	MIMAT0000010	YP00203952
D07	mml-miR-423-3p	MIMAT0006322	YP00204488	H07	UniSp2	N/A	YP00203950
D08	mml-let-7a-5p	MIMAT0006151	YP00205727	H08	UniSp4	N/A	YP00203953
D09	mml-miR-124a-3p	MIMAT0002470	YP00205949	H09	UniSp5	N/A	YP00203955
D10	mml-miR-92a-3p	MIMAT0002706	YP00204258	H10	UniSp6	N/A	YP00203954
D11	mml-miR-23a-3p	MIMAT0002752	YP00204772	H11	UniSP3	N/A	YP02119288
D12	mml-miR-25	MIMAT0002774	YP00204361	H12	UniSP3	N/A	YP02119288

miRNA Table: Plate 2

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
A01	mml-miR-338-5p	MIMAT0006277	YP00204114	E01	mml-miR-302d	MIMAT0006262	YP00204311
A02	mml-miR-508-3p	MIMAT0005764	YP00205951	E02	mml-miR-371-3p	MIMAT0006297	YP02119138
A03	mml-miR-152-3p	MIMAT0006214	YP00204294	E03	mml-miR-199a	MIMAT0002531	YP00204494
A04	mml-miR-582-5p	MIMAT0006443	YP00204254	E04	mml-miR-607	MIMAT0006461	YP02119436
A05	mml-miR-612	MIMAT0006464	YP02114517	E05	mml-miR-622	MIMAT0012782	YP00205615
A06	mml-miR-937	MIMAT0006538	YP02108487	E06	mml-miR-211	MIMAT0002547	YP00205091
A07	mml-miR-922	MIMAT0006533	YP02118308	E07	mml-miR-625	MIMAT0006471	YP02106934
A08	mml-miR-299-5p	MIMAT0006255	YP00204544	E08	mml-miR-590-3p	MIMAT0006451	YP02114315
A09	mml-miR-764	MIMAT0012794	YP02114815	E09	mml-miR-1224-5p	MIMAT0005570	YP02108797
A10	mml-miR-548e	MIMAT0006415	YP02112685	E10	mml-miR-99b-5p	MIMAT0006179	YP00205983
A11	mml-miR-767-3p	MIMAT0006511	YP02119295	E11	mml-miR-579	MIMAT0006440	YP02108355
A12	mml-miR-335-5p	MIMAT0006274	YP02119293	E12	mml-miR-10a-5p	MIMAT0006161	YP00204778
B01	mml-miR-650c	MIMAT0006490	YP02116663	F01	mml-miR-765	MIMAT0006509	YP02100675
B02	mml-miR-484	MIMAT0006341	YP00205636	F02	mml-miR-375	MIMAT0006302	YP00204362
B03	mml-miR-330-3p	MIMAT0006271	YP00204017	F03	mml-miR-301a-3p	MIMAT0006257	YP00205601
B04	mml-miR-149-5p	MIMAT0006210	YP00204321	F04	mml-miR-381-3p	MIMAT0006310	YP00205887
B05	mml-miR-495-3p	MIMAT0006357	YP00206015	F05	mml-miR-616	MIMAT0006467	YP02117333
B06	mml-miR-199a-3p	MIMAT0006232	YP00204536	F06	mml-miR-516b	MIMAT0012778	YP00204558
B07	mml-miR-649	MIMAT0006487	YP00204146	F07	mml-miR-586	MIMAT0006447	YP02104023
B08	mml-miR-486-3p	MIMAT0006345	YP00204107	F08	mml-miR-449b-5p	MIMAT0006331	YP00204751
B09	mml-miR-661	MIMAT0006500	YP02118349	F09	mml-miR-604	MIMAT0006459	YP02105841
B10	mml-miR-200a-3p	MIMAT0006233	YP00204707	F10	mml-miR-595	MIMAT0012780	YP02118113
B11	mml-miR-324-5p	MIMAT0006266	YP02119698	F11	mml-miR-711	MIMAT0012796	YP02110160
B12	mml-miR-323b-5p	MIMAT0028354	YP00204796	F12	mml-miR-485-3p	MIMAT0006343	YP00206055
C01	mml-miR-518a-3p	MIMAT0006378	YP02110448	G01	mml-miR-153-3p	MIMAT0002271	YP02108790
C02	mml-miR-944	MIMAT0006543	YP02119492	G02	mml-miR-450a-5p	MIMAT0006332	YP00206085
C03	mml-miR-603	MIMAT0012781	YP02112825	G03	mml-miR-934-5p	MIMAT0006536	YP02104882
C04	mml-miR-502-3p	MIMAT0006366	YP00204043	G04	mml-miR-154-5p	MIMAT0006215	YP00204518
C05	mml-miR-138-5p	MIMAT0006194	YP00206078	G05	mml-miR-1235	MIMAT0005590	YP02107281
C06	mml-miR-600	MIMAT0006457	YP02102712	G06	mml-miR-224-5p	MIMAT0002594	YP02106336
C07	mml-miR-1225-5p	MIMAT0005574	YP02108320	G07	mml-miR-518b	MIMAT0006379	YP02111444
C08	mml-miR-140-5p	MIMAT0006197	YP00204540	G08	mml-miR-876-5p	MIMAT0006519	YP00204527
C09	mml-miR-134-5p	MIMAT0006190	YP00205989	G09	mml-miR-654-3p	MIMAT0006496	YP00204054
C10	mml-miR-518a-5p	MIMAT0006377	YP02112097	G10	mml-miR-146b-5p	MIMAT0006204	YP02119752
C11	mml-miR-541-5p	MIMAT0012784	YP00204118	G11	mml-miR-583	MIMAT0006445	YP02101221
C12	mml-miR-501-5p	MIMAT0006364	YP00204648	G12	mml-miR-409-3p	MIMAT0006315	YP00204358
D01	mml-miR-569	MIMAT0006432	YP00205666	H01	mml-miR-626	MIMAT0006472	YP02118870
D02	mml-miR-526b	MIMAT0012776	YP00204259	H02	mml-miR-193a-5p	MIMAT0006225	YP00204665
D03	mml-miR-34c-3p	MIMAT0006176	YP00204373	H03	mml-miR-181a-3p	MIMAT0002622	YP00204110
D04	mml-miR-339-5p	MIMAT0006279	YP00206007	H04	mml-miR-330-5p	MIMAT0006270	YP00204372
D05	mml-miR-496	MIMAT0006358	YP00204441	H05	mml-miR-18b	MIMAT0006163	YP00204084
D06	mml-miR-139-5p	MIMAT0006195	YP00204037	H06	mml-miR-135b-5p	MIMAT0006191	YP00204130
D07	mml-miR-376b-3p	MIMAT0006304	YP00204218	H07	mml-miR-20b-5p	MIMAT0006164	YP00204755
D08	mml-miR-448	MIMAT0006329	YP00204643	H08	mml-miR-887	MIMAT0006526	YP00204472
D09	mml-miR-299-3p	MIMAT0006256	YP00205071	H09	mml-miR-557	MIMAT0006426	YP02103107
D10	mml-miR-675-5p	MIMAT0006507	YP00205687	H10	mml-miR-429-3p	MIMAT0006325	YP00205901
D11	mml-miR-651	MIMAT0006492	YP02105093	H11	UniSP3	N/A	YP02119288
D12	mml-miR-422a	MIMAT0006320	YP02101455	H12	UniSP3	N/A	YP02119288

miRNA Table: Plate 3

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
A01	mml-miR-365-3p	MIMAT0006291	YP00204622	E01	mml-miR-550-5p	MIMAT0006418	YP02119321
A02	mml-miR-543-3p	MIMAT0012787	YP00204447	E02	mml-miR-520a-3p	MIMAT0006388	YP00204074
A03	mml-miR-208b-3p	MIMAT0006239	YP00204636	E03	mml-miR-431	MIMAT0006326	YP00204737
A04	mml-miR-643	MIMAT0006484	YP02114162	E04	mml-miR-506-3p	MIMAT0005762	YP00204539
A05	mml-miR-491-3p	MIMAT0006353	YP00205977	E05	mml-miR-1241	MIMAT0005862	YP02106623
A06	mml-miR-548c	MIMAT0006412	YP02102802	E06	mml-miR-1-3p	MIMAT0006150	YP00204344
A07	mml-miR-885-3p	MIMAT0006523	YP00204136	E07	mml-miR-1226	MIMAT0005579	YP02102736
A08	mml-miR-380-3p	MIMAT0006309	YP02114970	E08	mml-miR-148b-3p	MIMAT0006209	YP00204047
A09	mml-miR-342-5p	MIMAT0006282	YP00204516	E09	mml-miR-367	MIMAT0006292	YP00204784
A10	mml-miR-558	MIMAT0006427	YP00205670	E10	mml-miR-875-3p	MIMAT0006518	YP02110108
A11	mml-miR-514a-3p	MIMAT0005769	YP00205931	E11	mml-miR-374b-5p	MIMAT0006301	YP00204608
A12	mml-miR-452-5p	MIMAT0006336	YP00204301	E12	mml-miR-505-3p	MIMAT0006369	YP00204214
B01	mml-miR-450b-3p	MIMAT0006334	YP00205683	F01	mml-miR-517a	MIMAT0006375	YP00204177
B02	mml-miR-939	MIMAT0006540	YP02114332	F02	mml-miR-215-5p	MIMAT0002728	YP00204598
B03	mml-miR-548d-3p	MIMAT0006414	YP02117548	F03	mml-miR-524-5p	MIMAT0012777	YP02109445
B04	mml-miR-34c-5p	MIMAT0006175	YP00205659	F04	mml-miR-936	MIMAT0006537	YP02113156
B05	mml-miR-924	MIMAT0006534	YP02119491	F05	mml-miR-770-5p	MIMAT0006514	YP00204197
B06	mml-miR-127-3p	MIMAT0002281	YP00204048	F06	mml-miR-938	MIMAT0006539	YP02117498
B07	mml-miR-892a	MIMAT0006531	YP00204092	F07	mml-miR-889-3p	MIMAT0006528	YP00204113
B08	mml-miR-208a-3p	MIMAT0006238	YP00205619	F08	mml-miR-218-5p	MIMAT0002574	YP00206034
B09	mml-miR-580	MIMAT0006441	YP02114421	F09	mml-miR-663	MIMAT0006502	YP02105523
B10	mml-miR-212-3p	MIMAT0006241	YP02111630	F10	mml-miR-548a	MIMAT0006410	YP02115133
B11	mml-miR-584-5p	MIMAT0006446	YP00204568	F11	mml-miR-135a-5p	MIMAT0002251	YP00204762
B12	mml-miR-198	MIMAT0002610	YP02102442	F12	mml-miR-219	MIMAT0002575	YP00204780
C01	mml-miR-92b-3p	MIMAT0006177	YP00204384	G01	mml-miR-323a-3p	MIMAT0006265	YP00204278
C02	mml-miR-627-3p	MIMAT0006473	YP02119403	G02	mml-miR-206	MIMAT0006237	YP00206073
C03	mml-miR-518c-3p	MIMAT0006380	YP02108584	G03	mml-miR-761	MIMAT0012793	YP00205475
C04	mml-miR-490-5p	MIMAT0006350	YP00206077	G04	mml-miR-513b	MIMAT0005767	YP00205620
C05	mml-miR-148a-3p	MIMAT0006208	YP00205867	G05	mml-miR-378a	MIMAT0006307	YP00204179
C06	mml-miR-412-3p	MIMAT0006318	YP00204460	G06	mml-miR-369-5p	MIMAT0006293	YP00206014
C07	mml-miR-512-3p	MIMAT0006372	YP02112598	G07	mml-miR-139-3p	MIMAT0006196	YP02101665
C08	mml-miR-383	MIMAT0006312	YP00205904	G08	mml-miR-615-3p	MIMAT0006466	YP00204453
C09	mml-miR-518e	MIMAT0006382	YP00205913	G09	mml-miR-892b	MIMAT0012783	YP02110497
C10	mml-miR-193b-3p	MIMAT0006227	YP00204226	G10	mml-miR-133a	MIMAT0002244	YP02119318
C11	mml-miR-499-3p	MIMAT0006362	YP00204438	G11	mml-miR-363-3p	MIMAT0006290	YP00204726
C12	mml-miR-105-5p	MIMAT0002454	YP00204389	G12	mml-miR-192-5p	MIMAT0006224	YP00204099
D01	mml-miR-190b	MIMAT0006222	YP00206031	H01	mml-miR-760	MIMAT0012788	YP00204549
D02	mml-miR-542-3p	MIMAT0006407	YP00205444	H02	mml-miR-650d	MIMAT0006491	YP02109596
D03	mml-miR-296-5p	MIMAT0006251	YP00204436	H03	mml-miR-183-5p	MIMAT0002783	YP02113876
D04	mml-miR-34b	MIMAT0006174	YP00204005	H04	mml-miR-670-5p	MIMAT0012792	YP02108000
D05	mml-miR-188-5p	MIMAT0002307	YP02100678	H05	mml-miR-605	MIMAT0006460	YP02110135
D06	mml-miR-33b-5p	MIMAT0006173	YP00205860	H06	mml-miR-432-5p	MIMAT0006327	YP00204776
D07	mml-miR-633	MIMAT0006478	YP02106059	H07	mml-miR-382-5p	MIMAT0006311	YP00204169
D08	mml-miR-221-3p	MIMAT0002583	YP00204532	H08	mml-miR-487b-3p	MIMAT0006347	YP00204489
D09	mml-miR-662	MIMAT0006501	YP00204180	H09	mml-miR-410-3p	MIMAT0006316	YP00204042
D10	mml-miR-556-5p	MIMAT0006424	YP02111328	H10	mml-miR-885-5p	MIMAT0006522	YP00204473
D11	mml-miR-331-5p	MIMAT0006272	YP00204423	H11	UniSP3	N/A	YP02119288
D12	mml-miR-340-5p	MIMAT0006281	YP00206068	H12	UniSP3	N/A	YP02119288

miRNA Table: Plate 4

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
A01	mml-miR-371-5p	MIMAT0006296	YP00204493	E01	mml-miR-487a	MIMAT0006346	YP00204381
A02	mml-miR-362-5p	MIMAT0006288	YP00204618	E02	mml-miR-451	MIMAT0006335	YP02119305
A03	mml-miR-339-3p	MIMAT0006280	YP00204160	E03	mml-miR-525	MIMAT0006402	YP00204355
A04	mml-miR-342-3p	MIMAT0006283	YP00205625	E04	mml-miR-668	MIMAT0006504	YP00204206
A05	mml-miR-589	MIMAT0006449	YP00205675	E05	mml-miR-592-5p	MIMAT0006452	YP00204375
A06	mml-miR-214-3p	MIMAT0002555	YP00205512	E06	mml-miR-98	MIMAT0002404	YP00204640
A07	mml-miR-132-3p	MIMAT0006188	YP00206035	E07	mml-miR-147a	MIMAT0006206	YP02116280
A08	mml-miR-874-3p	MIMAT0006516	YP00204761	E08	mml-miR-361-5p	MIMAT0006286	YP00206054
A09	mml-miR-542-5p	MIMAT0006406	YP00204198	E09	mml-miR-578	MIMAT0006439	YP02106242
A10	mml-miR-503-5p	MIMAT0006367	YP00204334	E10	mml-miR-197-3p	MIMAT0006230	YP00204380
A11	mml-miR-491-5p	MIMAT0006352	YP00204695	E11	mml-miR-632	MIMAT0006477	YP00205600
A12	mml-miR-217	MIMAT0006244	YP02119320	E12	mml-miR-216b	MIMAT0006243	YP00204289
B01	mml-miR-876-3p	MIMAT0006520	YP00205927	F01	mml-miR-331-3p	MIMAT0006273	YP00206046
B02	mml-miR-628-5p	MIMAT0006474	YP00205893	F02	mml-miR-507	MIMAT0005763	YP00205662
B03	mml-miR-373	MIMAT0006299	YP00204604	F03	mml-miR-1224-3p	MIMAT0005571	YP00204045
B04	mml-miR-510-5p	MIMAT0005766	YP02105060	F04	mml-miR-182	MIMAT0002513	YP00205965
B05	mml-miR-449a-5p	MIMAT0006330	YP00204481	F05	mml-miR-346	MIMAT0006285	YP00206009
B06	mml-miR-196a-5p	MIMAT0002519	YP02110533	F06	mml-miR-656-3p	MIMAT0006497	YP02119466
B07	mml-miR-455-3p	MIMAT0006340	YP00204035	F07	mml-miR-665	MIMAT0012786	YP00204710
B08	mml-miR-520g	MIMAT0006395	YP02101021	F08	mml-miR-644	MIMAT0006485	YP02110593
B09	mml-miR-877-5p	MIMAT0006521	YP00205626	F09	mml-miR-30a-3p	MIMAT0002370	YP00204457
B10	mml-miR-184	MIMAT0006218	YP00204601	F10	mml-miR-549a	MIMAT0006417	YP02102372
B11	mml-miR-759	MIMAT0012795	YP00206000	F11	mml-miR-628-3p	MIMAT0006475	YP00206057
B12	mml-miR-499-5p	MIMAT0006361	YP00205935	F12	mml-miR-297	MIMAT0006253	YP02118655
C01	mml-miR-640	MIMAT0006482	YP00204533	G01	mml-miR-624	MIMAT0006470	YP02114515
C02	mml-miR-1234	MIMAT0012790	YP00206017	G02	mml-miR-652	MIMAT0006493	YP00204387
C03	mml-miR-337-5p	MIMAT0006275	YP00204391	G03	mml-miR-329-3p	MIMAT0006269	YP00206052
C04	mml-miR-519d	MIMAT0006387	YP02119484	G04	mml-miR-1230	MIMAT0005585	YP02103029
C05	mml-miR-544	MIMAT0006408	YP00204646	G05	mml-miR-497-5p	MIMAT0006359	YP00204354
C06	mml-miR-532-5p	MIMAT0006403	YP00204221	G06	mml-miR-618	MIMAT0006468	YP00205674
C07	mml-miR-519c	MIMAT0006386	YP02117752	G07	mml-miR-762	MIMAT0012791	YP02100495
C08	mml-miR-890-5p	MIMAT0006529	YP02104092	G08	mml-miR-942-5p	MIMAT0006542	YP02109567
C09	mml-miR-324-3p	MIMAT0006267	YP02119782	G09	mml-miR-648	MIMAT0006486	YP02116687
C10	mml-miR-450b-5p	MIMAT0006333	YP00205607	G10	mml-miR-338-3p	MIMAT0006278	YP00204719
C11	mml-miR-587	MIMAT0006448	YP02101992	G11	mml-miR-370-3p	MIMAT0006295	YP00204011
C12	mml-miR-551a	MIMAT0006419	YP00204331	G12	mml-miR-891a	MIMAT0006530	YP00204109
D01	mml-miR-493-3p	MIMAT0006355	YP00204557	H01	mml-miR-545	MIMAT0006409	YP00206087
D02	mml-miR-593	MIMAT0006453	YP00204083	H02	mml-miR-1227	MIMAT0005581	YP02110433
D03	mml-miR-576-5p	MIMAT0006436	YP02117416	H03	mml-miR-653-5p	MIMAT0006494	YP00204669
D04	mml-miR-597	MIMAT0006454	YP02113616	H04	mml-miR-10b-5p	MIMAT0006162	YP00205637
D05	mml-miR-151-3p	MIMAT0006213	YP00204576	H05	mml-miR-577-5p	MIMAT0006438	YP00205998
D06	mml-miR-708-5p	MIMAT0012785	YP00204490	H06	mml-miR-920	MIMAT0006532	YP02119322
D07	mml-miR-361-3p	MIMAT0006287	YP00204008	H07	mml-miR-133c-3p	MIMAT0006777	YP00204788
D08	mml-miR-455-5p	MIMAT0006339	YP00204363	H08	mml-miR-532-3p	MIMAT0006404	YP00204003
D09	mml-miR-554	MIMAT0006423	YP00204556	H09	mml-miR-1232	MIMAT0005587	YP02111699
D10	mml-miR-17-3p	MIMAT0002701	YP02111140	H10	mml-miR-519b	MIMAT0006385	YP02103680
D11	mml-miR-421	MIMAT0006319	YP00204603	H11	UniSP3	N/A	YP02119288
D12	mml-miR-875-5p	MIMAT0006517	YP00205978	H12	UniSP3	N/A	YP02119288

miRNA Table: Plate 5

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
A01	mml-miR-521	MIMAT0006397	YP02101274	E01	mml-miR-609	MIMAT0006462	YP02103003
A02	mml-miR-31-5p	MIMAT0002379	YP02101314	E02	mml-miR-567	MIMAT0006430	YP02116113
A03	mml-miR-204-5p	MIMAT0006235	YP00206072	E03	mml-miR-181c-5p	MIMAT0002509	YP00204683
A04	mml-miR-552	MIMAT0006421	YP02104265	E04	mml-miR-95-3p	MIMAT0006178	YP00204288
A05	mml-miR-512-5p	MIMAT0006371	YP02102757	E05	mml-miR-107-3p	MIMAT0002458	YP00204468
A06	mml-miR-325	MIMAT0006268	YP00204464	E06	mml-miR-590-5p	MIMAT0006450	YP00204222
A07	mml-miR-553	MIMAT0006422	YP02102901	E07	mml-miR-519a-3p	MIMAT0006384	YP02109440
A08	mml-miR-511-5p	MIMAT0006370	YP02102888	E08	mml-miR-548d-5p	MIMAT0006413	YP02112165
A09	mml-miR-509	MIMAT0005765	YP00205966	E09	mml-miR-570	MIMAT0006433	YP02113534
A10	mml-miR-337-3p	MIMAT0006276	YP00205938	E10	mml-miR-660-5p	MIMAT0006499	YP00205911
A11	mml-miR-187-3p	MIMAT0006221	YP00204018	E11	mml-miR-598-3p	MIMAT0006455	YP00204320
A12	mml-miR-492	MIMAT0006354	YP00204053	E12	mml-miR-345	MIMAT0006284	YP02101955
B01	mml-miR-372-3p	MIMAT0006298	YP00204137	F01	mml-miR-573	MIMAT0006435	YP02103197
B02	mml-miR-34a-5p	MIMAT0002499	YP00204486	F02	mml-miR-1239	MIMAT0005594	YP02105807
B03	mml-miR-576-3p	MIMAT0006437	YP00204195	F03	mml-miR-767-5p	MIMAT0006510	YP00204238
B04	mml-miR-362-3p	MIMAT0006289	YP00205612	F04	mml-miR-556-3p	MIMAT0006425	YP02109601
B05	mml-miR-433-3p	MIMAT0006328	YP00204036	F05	mml-miR-33a	MIMAT0002392	YP02118215
B06	mml-miR-518f	MIMAT0006383	YP02114663	F06	mml-miR-136	MIMAT0006192	YP00204779
B07	mml-miR-562	MIMAT0006428	YP00205941	F07	mml-miR-298	MIMAT0006254	YP02106392
B08	mml-miR-125a-3p	MIMAT0006182	YP00204446	F08	mml-miR-24-5p	MIMAT0002336	YP02103215
B09	mml-miR-615-5p	MIMAT0006465	YP00204445	F09	mml-miR-513a	MIMAT0005768	YP02103249
B10	mml-miR-758-3p	MIMAT0006508	YP02114019	F10	mml-miR-369-3p	MIMAT0006294	YP00206028
B11	mml-miR-489-3p	MIMAT0006349	YP00204395	F11	mml-miR-582-3p	MIMAT0006444	YP00204072
B12	mml-miR-130b-3p	MIMAT0006187	YP00204317	F12	mml-miR-137-3p	MIMAT0006193	YP00206062
C01	mml-miR-671-3p	MIMAT0006506	YP00204024	G01	mml-miR-106a-5p	MIMAT0002798	YP02109923
C02	mml-miR-500a-5p	MIMAT0006363	YP00204794	G02	mml-miR-219-3p	MIMAT0006246	YP00204674
C03	mml-miR-147b	MIMAT0006207	YP02112636	G03	mml-miR-190a-5p	MIMAT0002312	YP00204763
C04	mml-miR-516a-5p	MIMAT0006373	YP02113033	G04	mml-miR-486-5p	MIMAT0006344	YP00204001
C05	mml-miR-601	MIMAT0006458	YP00204426	G05	mml-miR-488-3p	MIMAT0006348	YP00204469
C06	mml-miR-523a	MIMAT0006399	YP02102519	G06	mml-miR-454-3p	MIMAT0006338	YP00205663
C07	mml-miR-376a-3p	MIMAT0006303	YP00204508	G07	mml-miR-377-3p	MIMAT0006306	YP00204733
C08	mml-miR-411-5p	MIMAT0006317	YP00204531	G08	mml-miR-611	MIMAT0006463	YP00204041
C09	mml-miR-485-5p	MIMAT0006342	YP02112548	G09	mml-miR-516a-3p	MIMAT0006374	YP02109053
C10	mml-miR-657	MIMAT0006498	YP02115540	G10	mml-miR-133b-3p	MIMAT0006189	YP00206058
C11	mml-miR-581	MIMAT0006442	YP02104202	G11	mml-miR-301b	MIMAT0006258	YP00204390
C12	hsa-miR-146b-3p	MIMAT0004766	YP02119309	G12	mml-miR-129-5p	MIMAT0006185	YP00204534
D01	mml-miR-145-5p	MIMAT0002266	YP00205962	H01	mml-miR-551b-3p	MIMAT0006420	YP00204067
D02	mml-miR-664	MIMAT0006503	YP02102934	H02	mml-miR-129-1-	MIMAT0006186	YP00206074
D03	mml-miR-539	MIMAT0006405	YP00205656	H03	mml-miR-619	MIMAT0006469	YP02107299
D04	mml-miR-203	MIMAT0006234	YP00205914	H04	mml-miR-631	MIMAT0006476	YP00204312
D05	mml-miR-205	MIMAT0006236	YP00204487	H05	mml-miR-502-5p	MIMAT0006365	YP00204449
D06	mml-miR-888	MIMAT0006527	YP00206024	H06	mml-miR-296-3p	MIMAT0006252	YP00204393
D07	mml-miR-504-5p	MIMAT0006368	YP00204396	H07	mml-miR-599-3p	MIMAT0006456	YP00205908
D08	mml-miR-642	MIMAT0006483	YP00204793	H08	mml-miR-548f	MIMAT0006416	YP02103969
D09	mml-miR-181d	MIMAT0006217	YP00204789	H09	mml-miR-548b	MIMAT0006411	YP02116740
D10	mml-miR-1240	MIMAT0005861	YP02119240	H10	mml-miR-802	MIMAT0006515	YP00205980
D11	mml-miR-571	MIMAT0012779	YP02113172	H11	UniSP3	N/A	YP02119288
D12	mml-miR-216a-5p	MIMAT0006242	YP00204167	H12	UniSP3	N/A	YP02119288

miRNA Table: Plate 6

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
A01	mml-miR-650a	MIMAT0006488	YP00204233	E01	BlankSpot	N/A	YP02119291
A02	mml-miR-323a-5p	MIMAT0006264	YP00206080	E02	BlankSpot	N/A	YP02119291
A03	mml-miR-379-5p	MIMAT0006308	YP00205658	E03	BlankSpot	N/A	YP02119291
A04	mml-miR-409-5p	MIMAT0006314	YP00204014	E04	BlankSpot	N/A	YP02119291
A05	mml-miR-563	MIMAT0006429	YP02109233	E05	BlankSpot	N/A	YP02119291
A06	mml-miR-654-5p	MIMAT0006495	YP00204439	E06	BlankSpot	N/A	YP02119291
A07	mml-miR-193a-3p	MIMAT0006226	YP00204591	E07	BlankSpot	N/A	YP02119291
A08	BlankSpot	N/A	YP02119291	E08	BlankSpot	N/A	YP02119291
A09	BlankSpot	N/A	YP02119291	E09	BlankSpot	N/A	YP02119291
A10	BlankSpot	N/A	YP02119291	E10	BlankSpot	N/A	YP02119291
A11	UniSP3	N/A	YP02119288	E11	BlankSpot	N/A	YP02119291
A12	UniSP3	N/A	YP02119288	E12	BlankSpot	N/A	YP02119291
B01	BlankSpot	N/A	YP02119291	F01	BlankSpot	N/A	YP02119291
B02	BlankSpot	N/A	YP02119291	F02	BlankSpot	N/A	YP02119291
B03	BlankSpot	N/A	YP02119291	F03	BlankSpot	N/A	YP02119291
B04	BlankSpot	N/A	YP02119291	F04	BlankSpot	N/A	YP02119291
B05	BlankSpot	N/A	YP02119291	F05	BlankSpot	N/A	YP02119291
B06	BlankSpot	N/A	YP02119291	F06	BlankSpot	N/A	YP02119291
B07	BlankSpot	N/A	YP02119291	F07	BlankSpot	N/A	YP02119291
B08	BlankSpot	N/A	YP02119291	F08	BlankSpot	N/A	YP02119291
B09	BlankSpot	N/A	YP02119291	F09	BlankSpot	N/A	YP02119291
B10	BlankSpot	N/A	YP02119291	F10	BlankSpot	N/A	YP02119291
B11	BlankSpot	N/A	YP02119291	F11	BlankSpot	N/A	YP02119291
B12	BlankSpot	N/A	YP02119291	F12	BlankSpot	N/A	YP02119291
C01	BlankSpot	N/A	YP02119291	G01	BlankSpot	N/A	YP02119291
C02	BlankSpot	N/A	YP02119291	G02	BlankSpot	N/A	YP02119291
C03	BlankSpot	N/A	YP02119291	G03	BlankSpot	N/A	YP02119291
C04	BlankSpot	N/A	YP02119291	G04	BlankSpot	N/A	YP02119291
C05	BlankSpot	N/A	YP02119291	G05	BlankSpot	N/A	YP02119291
C06	BlankSpot	N/A	YP02119291	G06	BlankSpot	N/A	YP02119291
C07	BlankSpot	N/A	YP02119291	G07	BlankSpot	N/A	YP02119291
C08	BlankSpot	N/A	YP02119291	G08	BlankSpot	N/A	YP02119291
C09	BlankSpot	N/A	YP02119291	G09	BlankSpot	N/A	YP02119291
C10	BlankSpot	N/A	YP02119291	G10	BlankSpot	N/A	YP02119291
C11	BlankSpot	N/A	YP02119291	G11	BlankSpot	N/A	YP02119291
C12	BlankSpot	N/A	YP02119291	G12	BlankSpot	N/A	YP02119291
D01	BlankSpot	N/A	YP02119291	H01	BlankSpot	N/A	YP02119291
D02	BlankSpot	N/A	YP02119291	H02	BlankSpot	N/A	YP02119291
D03	BlankSpot	N/A	YP02119291	H03	BlankSpot	N/A	YP02119291
D04	BlankSpot	N/A	YP02119291	H04	BlankSpot	N/A	YP02119291
D05	BlankSpot	N/A	YP02119291	H05	BlankSpot	N/A	YP02119291
D06	BlankSpot	N/A	YP02119291	H06	BlankSpot	N/A	YP02119291
D07	BlankSpot	N/A	YP02119291	H07	BlankSpot	N/A	YP02119291
D08	BlankSpot	N/A	YP02119291	H08	BlankSpot	N/A	YP02119291
D09	BlankSpot	N/A	YP02119291	H09	BlankSpot	N/A	YP02119291
D10	BlankSpot	N/A	YP02119291	H10	BlankSpot	N/A	YP02119291
D11	BlankSpot	N/A	YP02119291	H11	BlankSpot	N/A	YP02119291
D12	BlankSpot	N/A	YP02119291	H12	BlankSpot	N/A	YP02119291

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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