

miRCURY LNA miRNA miRNome PCR Panels

Human Panel 1, V6 Product Data Sheet

Cat. no. 339322 YAHS-510Z

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	YAHS-510ZA
C	Applied Biosystems models 7500 (Fast block), 7900HT (Fast block), StepOnePlus™, ViiA 7 (Fast block)	96-well	YAHS-510ZC
D	Bio-Rad CFX96™; Bio-Rad/MJ Research models DNA Engine Opticon®, DNA Engine Opticon 2; Stratagene Mx4000®	96-well	YAHS-510ZD
F	Roche® LightCycler® 480 (96-well block)	96-well	YAHS-510ZF

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	hsa-miR-7-5p	MIMAT0000252	YP02119317	E01	hsa-miR-590-5p	MIMAT0003258	YP00204222
A02	hsa-miR-217-5p	MIMAT0000274	YP00204010	E02	hsa-miR-760	MIMAT0004957	YP00204549
A03	hsa-miR-337-5p	MIMAT0004695	YP00204391	E03	hsa-miR-574-3p	MIMAT0003239	YP00206011
A04	hsa-miR-328-3p	MIMAT0000752	YP00204364	E04	hsa-miR-130b-3p	MIMAT0000691	YP00204317
A05	hsa-miR-374b-3p	MIMAT0004956	YP00205917	E05	hsa-miR-30c-5p	MIMAT0000244	YP00204783
A06	hsa-miR-143-3p	MIMAT0000435	YP00205992	E06	hsa-miR-133b	MIMAT0000770	YP00206058
A07	hsa-miR-623	MIMAT0003292	YP00204019	E07	hsa-miR-524-5p	MIMAT0002849	YP00204135
A08	hsa-miR-520c-3p	MIMAT0002846	YP00204497	E08	hsa-miR-193b-3p	MIMAT0002819	YP00204226
A09	hsa-miR-557	MIMAT0003221	YP00204346	E09	hsa-miR-501-5p	MIMAT0002872	YP00204648
A10	hsa-miR-218-5p	MIMAT0000275	YP00206034	E10	hsa-miR-518c-5p	MIMAT0002847	YP00204280
A11	hsa-miR-136-5p	MIMAT0000448	YP00204779	E11	hsa-miR-130a-3p	MIMAT0000425	YP00204658
A12	hsa-miR-127-5p	MIMAT0004604	YP00204161	E12	hsa-miR-933	MIMAT0004976	YP00205996
B01	hsa-miR-140-5p	MIMAT0000431	YP00204540	F01	hsa-miR-379-5p	MIMAT0000733	YP00205658
B02	hsa-miR-31-3p	MIMAT0004504	YP00204079	F02	hsa-miR-452-5p	MIMAT0001635	YP00204301
B03	hsa-miR-20b-3p	MIMAT0004752	YP00204569	F03	hsa-miR-589-5p	MIMAT0004799	YP00205675
B04	hsa-miR-325	MIMAT0000771	YP00204464	F04	hsa-miR-141-3p	MIMAT0000432	YP00204504
B05	hsa-miR-509-3-5p	MIMAT0004975	YP00204503	F05	hsa-miR-342-3p	MIMAT0000753	YP00205625
B06	hsa-miR-210-3p	MIMAT0000267	YP00204333	F06	hsa-miR-668-3p	MIMAT0003881	YP00204206
B07	hsa-miR-199b-5p	MIMAT0000263	YP00204152	F07	hsa-miR-934	MIMAT0004977	YP02119292
B08	hsa-miR-194-5p	MIMAT0000460	YP00204080	F08	hsa-miR-101-3p	MIMAT0000099	YP00204786
B09	hsa-let-7g-5p	MIMAT0000414	YP00204565	F09	hsa-miR-539-5p	MIMAT0003163	YP00205656
B10	hsa-miR-203a-3p	MIMAT0000264	YP00205914	F10	hsa-miR-331-3p	MIMAT0000760	YP00206046
B11	hsa-miR-181a-3p	MIMAT0000270	YP00204110	F11	hsa-miR-499a-5p	MIMAT0002870	YP00205935
B12	hsa-miR-137-3p	MIMAT0000429	YP00206062	F12	hsa-miR-196a-5p	MIMAT0000226	YP00204386
C01	hsa-miR-551b-3p	MIMAT0003233	YP00204067	G01	hsa-miR-888-5p	MIMAT0004916	YP00206024
C02	hsa-miR-524-3p	MIMAT0002850	YP00204030	G02	hsa-miR-330-3p	MIMAT0000751	YP00204017
C03	hsa-miR-486-5p	MIMAT0002177	YP00204001	G03	hsa-miR-570-3p	MIMAT0003235	YP00204694
C04	hsa-miR-329-3p	MIMAT0001629	YP00206052	G04	hsa-miR-518c-3p	MIMAT0002848	YP00204554
C05	hsa-miR-487b-3p	MIMAT0003180	YP00204489	G05	hsa-miR-200a-3p	MIMAT0000682	YP00204707
C06	hsa-miR-138-5p	MIMAT0000430	YP00206078	G06	hsa-miR-188-5p	MIMAT0000457	YP00204239
C07	hsa-miR-191-5p	MIMAT0000440	YP00204306	G07	hsa-miR-26a-5p	MIMAT0000082	YP00206023
C08	hsa-miR-378a-3p	MIMAT0000732	YP00205946	G08	hsa-miR-99b-5p	MIMAT0000689	YP00205983
C09	hsa-miR-103a-3p	MIMAT0000101	YP00204063	G09	hsa-miR-431-5p	MIMAT0001625	YP00204737
C10	hsa-miR-890	MIMAT0004912	YP00205859	G10	hsa-miR-23b-3p	MIMAT0000418	YP02119314
C11	hsa-miR-423-5p	MIMAT0004748	YP00205624	G11	hsa-miR-367-3p	MIMAT0000719	YP00204784
C12	hsa-miR-221-3p	MIMAT0000278	YP00204532	G12	hsa-miR-18a-5p	MIMAT0000072	YP00204207
D01	hsa-miR-301b-3p	MIMAT0004958	YP00204390	H01	hsa-miR-23a-3p	MIMAT0000078	YP00204772
D02	hsa-miR-550a-5p	MIMAT0004800	YP00204638	H02	hsa-miR-451a	MIMAT0001631	YP02119305
D03	hsa-miR-532-5p	MIMAT0002888	YP00204221	H03	SNORD38B (hsa)	N/A	YP00203901
D04	hsa-miR-99a-5p	MIMAT0000097	YP00204521	H04	SNORD49A (hsa)	N/A	YP00203904
D05	hsa-miR-16-5p	MIMAT0000069	YP00205702	H05	U6 snRNA [v2]	N/A	YP02119464
D06	hsa-miR-98-5p	MIMAT0000096	YP00204640	H06	cel-miR-39-3p	MIMAT0000010	YP00203952
D07	hsa-miR-185-5p	MIMAT0000455	YP00206037	H07	UniSp2	N/A	YP00203950
D08	hsa-miR-25-3p	MIMAT0000081	YP00204361	H08	UniSp4	N/A	YP00203953
D09	hsa-miR-765	MIMAT0003945	YP00204071	H09	UniSp5	N/A	YP00203955
D10	hsa-miR-24-3p	MIMAT0000080	YP00204260	H10	UniSp6	N/A	YP00203954
D11	hsa-miR-369-5p	MIMAT0001621	YP00206014	H11	UniSP3	N/A	YP02119288
D12	hsa-miR-425-5p	MIMAT0003393	YP00204337	H12	UniSP3	N/A	YP02119288

miRNA Table: Plate 2

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
A01	hsa-miR-92a-3p	MIMAT000092	YP00204258	E01	hsa-miR-940	MIMAT0004983	YP00204094
A02	hsa-miR-500a-5p	MIMAT0004773	YP00204794	E02	hsa-miR-22-5p	MIMAT0004495	YP00204255
A03	hsa-miR-887-3p	MIMAT0004951	YP00204472	E03	hsa-miR-224-5p	MIMAT0000281	YP02119313
A04	hsa-miR-491-3p	MIMAT0004765	YP00205977	E04	hsa-miR-885-5p	MIMAT0004947	YP00204473
A05	hsa-miR-423-3p	MIMAT0001340	YP00204488	E05	hsa-miR-320a-3p	MIMAT0000510	YP00206042
A06	hsa-miR-126-3p	MIMAT0000445	YP00204227	E06	hsa-miR-18b-5p	MIMAT0001412	YP00204084
A07	hsa-miR-421	MIMAT0003339	YP00204603	E07	hsa-miR-187-3p	MIMAT0000262	YP00204018
A08	hsa-miR-376b-3p	MIMAT0002172	YP00204218	E08	hsa-miR-302c-5p	MIMAT0000716	YP00205940
A09	hsa-miR-302c-3p	MIMAT0000717	YP00204403	E09	hsa-miR-548b-3p	MIMAT0003254	YP00204485
A10	hsa-miR-625-3p	MIMAT0004808	YP00204647	E10	hsa-miR-186-5p	MIMAT0000456	YP00206053
A11	hsa-miR-339-5p	MIMAT0000764	YP00206007	E11	hsa-miR-199a-5p	MIMAT0000231	YP00204494
A12	hsa-miR-873-5p	MIMAT0004953	YP00204175	E12	hsa-miR-155-5p	MIMAT0000646	YP02119311
B01	hsa-miR-323a-3p	MIMAT0000755	YP00204278	F01	hsa-miR-107	MIMAT0000104	YP00204468
B02	hsa-miR-181d-5p	MIMAT0002821	YP00204789	F02	hsa-miR-302b-3p	MIMAT0000715	YP00204773
B03	hsa-miR-125a-5p	MIMAT0000443	YP00204339	F03	hsa-miR-662	MIMAT0003325	YP00204180
B04	hsa-miR-129-5p	MIMAT0000242	YP00204534	F04	hsa-miR-519d-3p	MIMAT0002853	YP00204062
B05	hsa-miR-492	MIMAT0002812	YP00204053	F05	hsa-miR-485-3p	MIMAT0002176	YP00206055
B06	hsa-miR-20a-5p	MIMAT0000075	YP00204292	F06	hsa-miR-200b-3p	MIMAT0000318	YP00206071
B07	hsa-miR-374b-5p	MIMAT0004955	YP00204608	F07	hsa-miR-337-3p	MIMAT0000754	YP00205938
B08	hsa-miR-302d-3p	MIMAT0000718	YP00204311	F08	hsa-miR-494-3p	MIMAT0002816	YP00204579
B09	hsa-miR-346	MIMAT0000773	YP00206009	F09	hsa-miR-371a-3p	MIMAT0000723	YP00204299
B10	hsa-miR-151a-3p	MIMAT0000757	YP00204576	F10	hsa-miR-637	MIMAT0003307	YP00205679
B11	hsa-miR-493-3p	MIMAT0003161	YP00204557	F11	hsa-miR-144-3p	MIMAT0000436	YP00204754
B12	hsa-miR-122-5p	MIMAT0000421	YP00205664	F12	hsa-miR-16-1-3p	MIMAT0004489	YP00206012
C01	hsa-miR-99a-3p	MIMAT0004511	YP00204520	G01	hsa-miR-631	MIMAT0003300	YP00204312
C02	hsa-miR-361-5p	MIMAT0000703	YP00206054	G02	hsa-miR-34c-5p	MIMAT0000686	YP00205659
C03	hsa-miR-202-3p	MIMAT0002811	YP00205990	G03	hsa-miR-211-5p	MIMAT0000268	YP00204009
C04	hsa-miR-125b-5p	MIMAT0000423	YP00205713	G04	hsa-miR-454-3p	MIMAT0003885	YP00205663
C05	hsa-miR-503-5p	MIMAT0002874	YP00204334	G05	hsa-let-7f-5p	MIMAT0000067	YP00204359
C06	hsa-miR-204-5p	MIMAT0000265	YP00206072	G06	hsa-miR-30e-5p	MIMAT0000692	YP00204714
C07	hsa-miR-30d-5p	MIMAT0000245	YP00206047	G07	hsa-miR-34a-5p	MIMAT0000255	YP00204486
C08	hsa-miR-301a-3p	MIMAT0000688	YP00205601	G08	hsa-miR-663a	MIMAT0003326	YP00204284
C09	hsa-miR-362-5p	MIMAT0000705	YP00204618	G09	hsa-miR-518e-3p	MIMAT0002861	YP00204051
C10	hsa-miR-30b-3p	MIMAT0004589	YP00206003	G10	hsa-miR-29b-3p	MIMAT0000100	YP00204679
C11	hsa-miR-654-5p	MIMAT0003330	YP00204439	G11	hsa-miR-658	MIMAT0003336	YP00204522
C12	hsa-miR-545-3p	MIMAT0003165	YP00206087	G12	hsa-miR-572	MIMAT0003237	YP00204696
D01	hsa-miR-29b-2-5p	MIMAT0004515	YP00204208	H01	hsa-miR-802	MIMAT0004185	YP00205980
D02	hsa-miR-491-5p	MIMAT0002807	YP00204695	H02	hsa-miR-521	MIMAT0002854	YP00205890
D03	hsa-miR-92b-3p	MIMAT0003218	YP00204384	H03	hsa-miR-433-3p	MIMAT0001627	YP00204036
D04	hsa-miR-665	MIMAT0004952	YP00204710	H04	hsa-miR-660-5p	MIMAT0003338	YP00205911
D05	hsa-miR-506-3p	MIMAT0002878	YP00204539	H05	hsa-let-7c-5p	MIMAT0000064	YP00204767
D06	hsa-miR-363-3p	MIMAT0000707	YP00204726	H06	hsa-miR-28-5p	MIMAT0000085	YP00204322
D07	hsa-miR-132-3p	MIMAT0000426	YP00206035	H07	hsa-miR-324-5p	MIMAT0000761	YP02119473
D08	hsa-miR-628-3p	MIMAT0003297	YP00206057	H08	hsa-miR-219a-5p	MIMAT0000276	YP00204780
D09	hsa-miR-432-5p	MIMAT0002814	YP00204776	H09	hsa-miR-505-3p	MIMAT0002876	YP00204214
D10	hsa-miR-154-3p	MIMAT0000453	YP00204096	H10	hsa-miR-19b-3p	MIMAT0000074	YP00204450
D11	hsa-miR-27a-3p	MIMAT0000084	YP00206038	H11	UniSP3	N/A	YP02119288
D12	hsa-miR-376c-3p	MIMAT0000720	YP00204442	H12	UniSP3	N/A	YP02119288

miRNA Table: Plate 3

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
A01	hsa-miR-526b-5p	MIMAT0002835	YP00204259	E01	hsa-miR-595	MIMAT0003263	YP00204070
A02	hsa-miR-215-5p	MIMAT0000272	YP00204598	E02	hsa-miR-602	MIMAT0003270	YP00204316
A03	hsa-miR-30b-5p	MIMAT0000420	YP00204765	E03	hsa-miR-223-3p	MIMAT0000280	YP00205986
A04	hsa-miR-184	MIMAT0000454	YP00204601	E04	hsa-miR-627-5p	MIMAT0003296	YP00205979
A05	hsa-miR-422a	MIMAT0001339	YP00204164	E05	hsa-miR-34b-3p	MIMAT0004676	YP00204005
A06	hsa-miR-199a-3p	MIMAT0000232	YP00204536	E06	hsa-miR-410-3p	MIMAT0002171	YP00204042
A07	hsa-miR-335-5p	MIMAT0000765	YP02119293	E07	hsa-miR-17-5p	MIMAT0000070	YP02119304
A08	hsa-miR-519a-3p	MIMAT0002869	YP00205919	E08	hsa-miR-376a-3p	MIMAT0000729	YP00204508
A09	hsa-miR-21-5p	MIMAT0000076	YP00204230	E09	hsa-miR-514a-3p	MIMAT0002883	YP00205931
A10	hsa-miR-129-2-3p	MIMAT0004605	YP00206067	E10	hsa-miR-512-5p	MIMAT0002822	YP00204134
A11	hsa-miR-26b-5p	MIMAT0000083	YP00204172	E11	hsa-miR-449a	MIMAT0001541	YP00204481
A12	hsa-miR-214-3p	MIMAT0000271	YP00204510	E12	hsa-miR-498-5p	MIMAT0002824	YP00204150
B01	hsa-miR-32-5p	MIMAT0000090	YP00204792	F01	hsa-miR-148b-3p	MIMAT0000759	YP00204047
B02	hsa-miR-324-3p	MIMAT0000762	YP00204303	F02	hsa-miR-127-3p	MIMAT0000446	YP00204048
B03	hsa-miR-488-3p	MIMAT0004763	YP00204469	F03	hsa-miR-598-3p	MIMAT0003266	YP00204320
B04	hsa-miR-371a-5p	MIMAT0004687	YP00204493	F04	hsa-miR-96-5p	MIMAT0000095	YP00204417
B05	hsa-miR-455-5p	MIMAT0003150	YP00204363	F05	hsa-let-7d-5p	MIMAT0000065	YP00204124
B06	hsa-miR-891a-5p	MIMAT0004902	YP00204220	F06	hsa-miR-135b-5p	MIMAT0000758	YP00204130
B07	hsa-miR-549a-3p	MIMAT0003333	YP00205975	F07	hsa-miR-495-3p	MIMAT0002817	YP00206015
B08	hsa-miR-205-5p	MIMAT0000266	YP00204487	F08	hsa-miR-299-5p	MIMAT0002890	YP00204544
B09	hsa-miR-518b	MIMAT0002844	YP00204405	F09	hsa-miR-34c-3p	MIMAT0004677	YP00204373
B10	hsa-miR-19a-3p	MIMAT0000073	YP00205862	F10	hsa-miR-596	MIMAT0003264	YP00204002
B11	hsa-miR-150-5p	MIMAT0000451	YP00204660	F11	hsa-miR-744-5p	MIMAT0004945	YP00204663
B12	hsa-miR-15a-5p	MIMAT0000068	YP00204066	F12	hsa-miR-145-5p	MIMAT0000437	YP00204483
C01	hsa-let-7d-3p	MIMAT0004484	YP00205627	G01	hsa-miR-622	MIMAT0003291	YP00205615
C02	hsa-miR-608	MIMAT0003276	YP00204286	G02	hsa-miR-516a-5p	MIMAT0004770	YP00204471
C03	hsa-miR-671-5p	MIMAT0003880	YP00205649	G03	hsa-let-7a-5p	MIMAT0000062	YP00205727
C04	hsa-miR-497-5p	MIMAT0002820	YP00204354	G04	hsa-miR-96-3p	MIMAT0004510	YP00205899
C05	hsa-miR-877-5p	MIMAT0004949	YP00205626	G05	hsa-miR-185-3p	MIMAT0004611	YP00205710
C06	hsa-miR-187-5p	MIMAT0004561	YP00205920	G06	hsa-miR-615-3p	MIMAT0003283	YP00204453
C07	hsa-miR-10b-5p	MIMAT0000254	YP00205637	G07	hsa-miR-128-3p	MIMAT0000424	YP00205995
C08	hsa-let-7i-5p	MIMAT0000415	YP00204394	G08	hsa-miR-766-3p	MIMAT0003888	YP00204499
C09	hsa-miR-202-5p	MIMAT0002810	YP00205616	G09	hsa-miR-206	MIMAT0000462	YP00206073
C10	hsa-miR-652-3p	MIMAT0003322	YP00204387	G10	hsa-miR-298	MIMAT0004901	YP00204115
C11	hsa-miR-126-5p	MIMAT0000444	YP00206010	G11	hsa-miR-193a-5p	MIMAT0004614	YP00204665
C12	hsa-miR-30e-3p	MIMAT0000693	YP00204410	G12	hsa-miR-449b-5p	MIMAT0003327	YP00204751
D01	hsa-miR-181c-5p	MIMAT0000258	YP00204683	H01	hsa-miR-520d-5p	MIMAT0002855	YP00204684
D02	hsa-miR-9-3p	MIMAT0000442	YP00204620	H02	hsa-miR-192-5p	MIMAT0000222	YP00204099
D03	hsa-miR-548c-3p	MIMAT0003285	YP00204697	H03	hsa-miR-29a-3p	MIMAT0000086	YP00204698
D04	hsa-miR-152-3p	MIMAT0000438	YP00204294	H04	hsa-miR-18a-3p	MIMAT0002891	YP00204523
D05	hsa-miR-93-5p	MIMAT0000093	YP00204715	H05	hsa-miR-383-5p	MIMAT0000738	YP00205904
D06	hsa-miR-365a-3p	MIMAT0000710	YP00204622	H06	hsa-miR-9-5p	MIMAT0000441	YP00204513
D07	hsa-miR-29c-3p	MIMAT0000681	YP00204729	H07	hsa-miR-142-5p	MIMAT0000433	YP00204722
D08	hsa-miR-372-3p	MIMAT0000724	YP00204137	H08	hsa-miR-363-5p	MIMAT0003385	YP00204173
D09	hsa-miR-133a-3p	MIMAT0000427	YP00204788	H09	hsa-miR-147b-3p	MIMAT0004928	YP00204368
D10	hsa-miR-124-3p	MIMAT0000422	YP00206026	H10	hsa-miR-197-3p	MIMAT0000227	YP00204380
D11	hsa-miR-190a-5p	MIMAT0000458	YP00204763	H11	UniSP3	N/A	YP02119288
D12	hsa-miR-302a-3p	MIMAT0000684	YP00206059	H12	UniSP3	N/A	YP02119288

miRNA Table: Plate 4

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
A01	hsa-miR-597-5p	MIMAT0003265	YP00204769	E01	hsa-miR-181a-5p	MIMAT0000256	YP00206081
A02	hsa-miR-326	MIMAT0000756	YP00204512	E02	hsa-miR-10a-5p	MIMAT0000253	YP00204778
A03	hsa-miR-15b-5p	MIMAT0000417	YP00204243	E03	hsa-miR-106a-5p	MIMAT0000103	YP00204563
A04	hsa-miR-105-5p	MIMAT0000102	YP00204389	E04	hsa-miR-182-5p	MIMAT0000259	YP00206070
A05	hsa-miR-196b-5p	MIMAT0001080	YP00204555	E05	hsa-miR-370-3p	MIMAT0000722	YP00204011
A06	hsa-miR-296-5p	MIMAT0000690	YP00204436	E06	hsa-miR-576-5p	MIMAT0003241	YP00206064
A07	hsa-miR-20b-5p	MIMAT0001413	YP00204755	E07	hsa-miR-425-3p	MIMAT0001343	YP00204038
A08	hsa-miR-147a	MIMAT0000251	YP00204398	E08	hsa-miR-450a-5p	MIMAT0001545	YP00206085
A09	hsa-miR-198	MIMAT0000228	YP00204341	E09	hsa-miR-411-5p	MIMAT0003329	YP00204531
A10	hsa-miR-375-3p	MIMAT0000728	YP00204362	E10	hsa-miR-216b-5p	MIMAT0004959	YP00204289
A11	hsa-miR-517a-3p	MIMAT0002852	YP00206019	E11	hsa-miR-106b-5p	MIMAT0000680	YP00205884
A12	hsa-miR-361-3p	MIMAT0004682	YP00204008	E12	hsa-miR-22-3p	MIMAT0000077	YP00204606
B01	hsa-miR-21-3p	MIMAT0004494	YP00204302	F01	hsa-miR-212-3p	MIMAT0000269	YP00204170
B02	hsa-miR-373-3p	MIMAT0000726	YP00204604	F02	hsa-miR-525-5p	MIMAT0002838	YP00204355
B03	hsa-miR-222-3p	MIMAT0000279	YP00204551	F03	hsa-miR-542-5p	MIMAT0003340	YP00204198
B04	hsa-miR-154-5p	MIMAT0000452	YP00204518	F04	hsa-miR-576-3p	MIMAT0004796	YP00204195
B05	hsa-miR-708-5p	MIMAT0004926	YP00204490	F05	hsa-miR-583	MIMAT0003248	YP00204021
B06	hsa-let-7b-5p	MIMAT0000063	YP00204750	F06	hsa-miR-483-3p	MIMAT0002173	YP00204012
B07	hsa-miR-95-3p	MIMAT0000094	YP00204288	F07	hsa-miR-582-5p	MIMAT0003247	YP00204254
B08	hsa-miR-517c-3p	MIMAT0002866	YP00204177	F08	hsa-miR-183-5p	MIMAT0000261	YP00206030
B09	hsa-miR-151a-5p	MIMAT0004697	YP00204007	F09	hsa-miR-33b-5p	MIMAT0003301	YP00205860
B10	hsa-miR-502-5p	MIMAT0002873	YP00204449	F10	hsa-miR-193a-3p	MIMAT0000459	YP00204591
B11	hsa-miR-345-5p	MIMAT0000772	YP00206006	F11	hsa-miR-153-3p	MIMAT0000439	YP00204338
B12	hsa-miR-509-3p	MIMAT0002881	YP00204458	F12	hsa-let-7e-5p	MIMAT0000066	YP00205711
C01	hsa-miR-134-5p	MIMAT0000447	YP00205989	G01	hsa-miR-409-3p	MIMAT0001639	YP00204358
C02	hsa-miR-382-5p	MIMAT0000737	YP00204169	G02	hsa-miR-100-5p	MIMAT0000098	YP00205689
C03	hsa-miR-490-3p	MIMAT0002806	YP00205999	G03	hsa-miR-629-5p	MIMAT0004810	YP00204370
C04	hsa-miR-200c-3p	MIMAT0000617	YP00204482	G04	hsa-miR-484	MIMAT0002174	YP00205636
C05	hsa-miR-30a-5p	MIMAT0000087	YP00205695	G05	hsa-miR-429	MIMAT0001536	YP00205901
C06	hsa-miR-181b-5p	MIMAT0000257	YP00204530	G06	hsa-miR-30c-2-3p	MIMAT0004550	YP00205632
C07	hsa-miR-33a-5p	MIMAT0000091	YP00205690	G07	hsa-miR-518a-3p	MIMAT0002863	YP00206069
C08	hsa-miR-195-5p	MIMAT0000461	YP00205869	G08	hsa-miR-340-5p	MIMAT0004692	YP00206068
C09	hsa-miR-874-3p	MIMAT0004911	YP00204761	G09	hsa-miR-508-3p	MIMAT0002880	YP00204480
C10	hsa-miR-135a-5p	MIMAT0000428	YP00204762	G10	hsa-miR-381-3p	MIMAT0000736	YP00205887
C11	hsa-miR-26a-2-3p	MIMAT0004681	YP00204676	G11	hsa-miR-148a-3p	MIMAT0000243	YP00205867
C12	hsa-miR-146b-5p	MIMAT0002809	YP02119310	G12	hsa-miR-146a-5p	MIMAT0000449	YP00204688
D01	hsa-miR-412-3p	MIMAT0002170	YP00204460	H01	hsa-miR-139-5p	MIMAT0000250	YP00205874
D02	hsa-miR-1-3p	MIMAT0000416	YP00204344	H02	hsa-miR-373-5p	MIMAT0000725	YP00204703
D03	hsa-miR-299-3p	MIMAT0000687	YP00204702	H03	hsa-miR-149-5p	MIMAT0000450	YP00204321
D04	hsa-miR-142-3p	MIMAT0000434	YP00204291	H04	hsa-miR-642a-5p	MIMAT0003312	YP00204793
D05	hsa-miR-338-3p	MIMAT0000763	YP00204719	H05	hsa-miR-31-5p	MIMAT0000089	YP00204236
D06	hsa-miR-584-5p	MIMAT0003249	YP00204568	H06	hsa-miR-620	MIMAT0003289	YP00204637
D07	hsa-miR-377-3p	MIMAT0000730	YP00204733	H07	hsa-miR-27b-3p	MIMAT0000419	YP00205915
D08	hsa-miR-216a-5p	MIMAT0000273	YP00204167	H08	hsa-miR-523-3p	MIMAT0002840	YP00204452
D09	hsa-miR-424-5p	MIMAT0001341	YP00204736	H09	hsa-miR-374a-5p	MIMAT0000727	YP00204758
D10	hsa-miR-921	MIMAT0004971	YP00204281	H10	hsa-miR-651-5p	MIMAT0003321	YP00205864
D11	hsa-miR-513a-5p	MIMAT0002877	YP00205900	H11	UniSP3	N/A	YP02119288
D12	hsa-miR-140-3p	MIMAT0004597	YP00204304	H12	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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