

miRCURY LNA miRNA miRNome PCR Panels

Mouse & Rat Panel I, V5 Product Data Sheet

Cat. no. 339322 YAMR-301Y

For mature miRNA expression profiling using real-time PCR

Format	Suitable real-time cyclers	Plate	Cat. no.
E	Applied Biosystems® models 7900HT (384-well block), ViiA™ 7 (384-well block); Bio-Rad CFX384™	384-well	YAMR-301YE
G	Roche® LightCycler® 480 (384-well block)	384-well	YAMR-301YG

Description

The miRCURY LNA miRNA miRNome PCR Panels profile the expression of hundreds of the most abundantly expressed and best characterized miRNA sequences in the a given species-specific miRNome as annotated in miRBase (www.mirbase.org). 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
mmu-miR-130b-3p	mmu-miR-26a-5p	mmu-miR-1a-3p	mmu-miR-133a-3p	mmu-miR-574-3p	mmu-miR-20b-5p	mmu-let-7f-5p	mmu-let-7c-5p	mmu-miR-615-3p	no-miR-136-5p
UnSP3	mmu-miR-351-5p	mmu-miR-291a-5p	mmu-miR-383-5p	mmu-miR-466a-3p	mmu-miR-452-5p	no-miR-148b-5p	mmu-miR-467d-5p	mmu-miR-297b-5p	mmu-miR-500-3p
UnSP3	UnSP3	mmu-miR-212-3p	mmu-miR-181d-5p	mmu-miR-99b-5p	mmu-miR-30d-5p	mmu-miR-139-3p	mmu-miR-495-3p	mmu-miR-155-5p	mmu-miR-219a-5p
mmu-miR-208b-3p	mmu-miR-362-3p	mmu-let-7a-1-3p	mmu-miR-384-3p	mmu-miR-466c-5p	mmu-miR-453	no-miR-201-5p	mmu-miR-467e-5p	mmu-miR-20a-3p	mmu-miR-501-3p
mmu-miR-149-5p	mmu-miR-29c-3p	mmu-miR-409-3p	mmu-miR-23b-3p	hxa-miR-147b-3p	mmu-miR-106b-5p	mmu-miR-151-3p	mmu-miR-17-5p	mmu-miR-182-5p	mmu-miR-19a-3p
no-miR-505-3p	mmu-miR-362-5p	mmu-miR-297a-5p	mmu-miR-384-5p	mmu-miR-292a-3p	mmu-miR-449b	no-miR-290	mmu-miR-493-3p	mmu-miR-425-3p	mmu-miR-503-5p
mmu-miR-28a-5p	mmu-miR-377-3p	mmu-let-7f-5p	mmu-miR-301b-3p	mmu-miR-9-3p	mmu-miR-874-3p	mmu-miR-96-5p	mmu-miR-23a-3p	mmu-miR-107-3p	mmu-miR-27b-3p
no-miR-208a-3p	mmu-miR-376a-3p	mmu-miR-297a-3p	mmu-miR-429-3p	mmu-miR-592-5p	mmu-miR-465a-3p	no-miR-293-5p	mmu-miR-470-5p	mmu-miR-450a-2-3p	mmu-miR-509-3p
mmu-miR-210-3p	mmu-miR-451a	mmu-miR-25-3p	mmu-miR-32-5p	mmu-miR-92b-3p	mmu-miR-135a-5p	mmu-miR-106a-5p	mmu-miR-302b-3p	mmu-miR-185-5p	mmu-miR-30c-5p
no-miR-551b-3p	mmu-miR-376b-3p	mmu-miR-343	mmu-miR-434-3p	mmu-miR-293-3p	mmu-miR-465a-5p	mmu-miR-670-5p	mmu-miR-488-3p	mmu-miR-463-3p	mmu-miR-511-5p
mmu-miR-425-5p	mmu-miR-431-5p	mmu-miR-375-3p	mmu-let-7b-5p	mmu-miR-138-5p	mmu-miR-190a-5p	mmu-miR-296-5p	mmu-miR-302c-3p	mmu-miR-449a-5p	mmu-miR-324-5p
no-miR-598-5p	mmu-miR-380-3p	mmu-miR-34b-5p	mmu-miR-434-5p	mmu-miR-542-5p	mmu-miR-467a-5p	no-miR-340-3p	mmu-miR-489-3p	mmu-miR-465c-5p	mmu-miR-540-3p
mmu-miR-153-3p	mmu-miR-367-3p	mmu-miR-455-5p	mmu-miR-322-5p	mmu-miR-196a-5p	mmu-miR-27a-3p	mmu-miR-105	mmu-miR-31-5p	mmu-miR-200c-3p	mmu-miR-34a-5p
mmu-miR-1b-5p	mmu-miR-191-5p	mmu-miR-294-3p	mmu-miR-423-3p	mmu-miR-758-3p	RNU1A1	no-miR-628	RNU5G	mmu-miR-466d-3p	U6 snRNA
mmu-miR-125a-5p	mmu-miR-101a-3p	mmu-miR-328-3p	mmu-miR-144-3p	mmu-miR-652-3p	mmu-miR-30b-5p	mmu-miR-19b-3p	mmu-miR-10a-5p	mmu-miR-145a-5p	mmu-miR-201-5p
mmu-miR-196a-2-3p	mmu-miR-380-5p	mmu-miR-295-3p	mmu-miR-450b-5p	mmu-miR-883b-5p	mmu-miR-467b-5p	no-miR-711	mmu-miR-497a-5p	mmu-miR-466d-5p	mmu-miR-540-5p

5	6	7	8	9	10	11	12	13	14
mmu-miR-127-3p	mmu-miR-411-5p	mmu-miR-335-5p	mmu-miR-196b-5p	mmu-miR-24b-5p	mmu-miR-22-3p	mmu-miR-590-5p	mmu-miR-183-5p	mmu-miR-323-3p	mmu-miR-326-3p
mmu-miR-483	mmu-miR-30c-2-3p	mmu-miR-802-5p	mmu-miR-33-5p	no-miR-190b-5p	mmu-miR-202-5p	mmu-miR-330-5p	mmu-miR-449c-5p	no-miR-214-3p	mmu-miR-337-3p
mmu-miR-192-5p	mmu-miR-221-3p	mmu-miR-339-5p	mmu-let-7g-5p	mmu-miR-873a-5p	mmu-miR-374b-5p	mmu-miR-126a-3p	mmu-miR-137-3p	mmu-miR-203-3p	mmu-miR-146a-5p
hsa-miR-124-3p	mmu-miR-539-5p	mmu-miR-871-5p	mmu-miR-301a-3p	no-miR-200b-3p	mmu-miR-339-3p	no-miR-223-3p	mmu-miR-541-5p	mmu-miR-291a-3p	mmu-miR-342-5p
mmu-miR-499-5p	mmu-miR-129-5p	mmu-miR-320-3p	mmu-miR-181a-5p	mmu-miR-378a-3p	mmu-miR-300-3p	mmu-miR-21a-5p	mmu-miR-130a-3p	mmu-miR-142a-3p	mmu-miR-381-3p
mmu-miR-151-5p	mmu-miR-669b-5p	mmu-miR-875-3p	mmu-miR-30a-5p	no-miR-200c-3p	mmu-miR-376c-3p	no-miR-224-5p	mmu-miR-340-5p	no-miR-377-3p	mmu-miR-344-3p
mmu-miR-148a-3p	mmu-miR-199a-3p	mmu-miR-331-3p	mmu-miR-494-3p	mmu-miR-207	mmu-miR-365-3p	mmu-miR-188-5p	mmu-miR-299a-3p	mmu-miR-20a-5p	mmu-miR-29a-3p
mmu-miR-487	mmu-miR-204-5p	no-miR-1-3p	mmu-miR-10b-5p	no-miR-207	mmu-miR-465b-5p	no-miR-337-3p	mmu-miR-412-3p	no-miR-381-3p	mmu-miR-345-3p
mmu-let-7d-5p	mmu-miR-140-5p	mmu-miR-302a-3p	mmu-miR-193a-3p	mmu-miR-195a-5p	mmu-miR-324-3p	mmu-miR-211-5p	mmu-miR-150-5p	mmu-miR-152-3p	mmu-miR-200a-3p
mmu-miR-741-3p	mmu-miR-342-3p	no-miR-105	mmu-miR-30e-5p	no-miR-20b-3p	mmu-miR-208a-3p	no-miR-338-3p	mmu-miR-34b-3p	mmu-miR-504-5p	mmu-miR-345-5p
mmu-miR-132-3p	mmu-miR-760-3p	mmu-miR-133b-3p	mmu-miR-7a-5p	mmu-miR-143-3p	mmu-miR-325-3p	mmu-miR-15b-5p	mmu-miR-744-5p	mmu-miR-215-5p	mmu-miR-93-5p
mmu-miR-742-3p	mmu-miR-206-3p	no-miR-143-3p	mmu-let-7a-5p	mmu-miR-290a-3p	mmu-miR-292a-5p	no-miR-339-3p	mmu-miR-329-3p	no-miR-421-5p	mmu-miR-346-5p
mmu-miR-135b-5p	no-miR-222-3p	mmu-miR-216a-5p	mmu-miR-184-3p	mmu-miR-18a-5p	mmu-miR-98-5p	mmu-miR-223-3p	mmu-miR-29b-3p	mmu-miR-193b-3p	mmu-miR-338-3p
mmu-miR-743b-5p	UnSp4	no-miR-146b-5p	UnSp5	mmu-miR-369-3p	UnSp6	no-miR-345-5p	cel-miR-39-3p	no-miR-450a-5p	mmu-miR-103-3p
mmu-miR-202-3p	mmu-miR-146b-5p	mmu-miR-382-5p	mmu-miR-421-3p	mmu-miR-532-5p	mmu-miR-200b-3p	mmu-miR-24-3p	mmu-miR-181c-5p	mmu-miR-302d-3p	mmu-miR-142a-5p
mmu-miR-7b-5p	mmu-miR-128-3p	no-miR-17-1-3p	mmu-miR-136-5p	mmu-miR-219a-1-3p	no-miR-582-5p	no-miR-346	mmu-miR-337-5p	mmu-miR-291b-5p	mmu-miR-350-3p

	1	2	3	4
A	mmu-miR-486a-5p	mmu-miR-218-5p	mmu-miR-148b-3p	mmu-miR-297c-5p
B	mmu-miR-544-3p	mmu-miR-122-5p	mmu-miR-224-5p	mmu-miR-16-5p
C	mmu-miR-370-3p	mmu-miR-205-5p	mmu-miR-493-3p	mmu-miR-214-3p
D	mmu-miR-217-5p	mmu-miR-100-5p	mmu-miR-672-5p	mmu-miR-7e-5p
E	mmu-miR-186-5p	mmu-miR-363-3p	mmu-miR-101b-3p	mmu-miR-298-5p
F	mmu-miR-125a-3p	mmu-miR-134-5p	mmu-miR-675-3p	mmu-miR-484
G	mmu-miR-187-3p	mmu-miR-18a-3p	mmu-miR-369-5p	mmu-miR-9-5p
H	mmu-miR-598-3p	mmu-miR-361-5p	mmu-miR-675-5p	mmu-miR-877-5p
I	mmu-miR-129-2-3p	mmu-miR-487b-3p	mmu-miR-18b-5p	mmu-miR-154-5p
J	mmu-miR-654-5p	mmu-miR-379-5p	mmu-miR-676-3p	mmu-miR-125b-5p
K	mmu-miR-433-3p	mmu-miR-708-5p	mmu-miR-15a-5p	mmu-miR-450a-5p
L	mmu-miR-667-3p	mmu-miR-490-3p	mmu-miR-679-5p	mmu-miR-684
M	mmu-miR-139-5p	mmu-miR-199a-5p	mmu-miR-551b-3p	mmu-miR-99a-5p
N	mmu-miR-668-3p	BlankSpot	mmu-miR-680	UniSp2
O	mmu-miR-410-3p	mmu-miR-141-3p	mmu-miR-194-5p	mmu-miR-181b-5p
P	mmu-miR-669a-5p	mmu-miR-34c-5p	mmu-miR-682	mmu-miR-423-5p

miRNA Table

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
A01	mmu-miR-486a-5p	MIMAT0002177	YP00204001	I01	mmu-miR-129-2-3p	MIMAT0004605	YP00206067
A02	mmu-miR-218-5p	MIMAT0000275	YP00206034	I02	mmu-miR-487b-3p	MIMAT0003180	YP00204489
A03	mmu-miR-148b-3p	MIMAT0000759	YP00204047	I03	mmu-miR-18b-5p	MIMAT0004858	YP00205076
A04	mmu-miR-297c-5p	MIMAT0004865	YP00205006	I04	mmu-miR-154-5p	MIMAT0000452	YP00204518
A05	mmu-miR-127-3p	MIMAT0000446	YP00204048	I05	mmu-let-7d-5p	MIMAT0000065	YP00204124
A06	mmu-miR-411-5p	MIMAT0003329	YP00204531	I06	mmu-miR-140-5p	MIMAT0000431	YP00204540
A07	mmu-miR-335-5p	MIMAT0000765	YP02119293	I07	mmu-miR-302a-3p	MIMAT0000684	YP00206059
A08	mmu-miR-196b-5p	MIMAT0001080	YP00204555	I08	mmu-miR-193a-3p	MIMAT0000459	YP00204591
A09	mmu-miR-26b-5p	MIMAT0000083	YP00204172	I09	mmu-miR-195a-5p	MIMAT0000461	YP00205869
A10	mmu-miR-22-3p	MIMAT0000077	YP00204606	I10	mmu-miR-324-3p	MIMAT0000556	YP00205151
A11	mmu-miR-590-5p	MIMAT0003258	YP00204222	I11	mmu-miR-211-5p	MIMAT0000668	YP00205091
A12	mmu-miR-183-5p	MIMAT0000261	YP00206030	I12	mmu-miR-150-5p	MIMAT0000451	YP00204660
A13	mmu-miR-323-3p	MIMAT0000755	YP00204278	I13	mmu-miR-152-3p	MIMAT0000438	YP00204294
A14	mmu-miR-326-3p	MIMAT0000559	YP00205187	I14	mmu-miR-200a-3p	MIMAT0000682	YP00204707
A15	mmu-miR-130b-3p	MIMAT0000691	YP00204317	I15	mmu-miR-210-3p	MIMAT0000267	YP00204333
A16	mmu-miR-26a-5p	MIMAT0000082	YP00206023	I16	mmu-miR-451a	MIMAT0001631	YP00204734
A17	mmu-miR-1a-3p	MIMAT0000416	YP00204344	I17	mmu-miR-25-3p	MIMAT0000081	YP00204361
A18	mmu-miR-133a-3p	MIMAT0000427	YP00204788	I18	mmu-miR-32-5p	MIMAT0000090	YP00204792
A19	mmu-miR-574-3p	MIMAT0003239	YP00206011	I19	mmu-miR-92b-3p	MIMAT0003218	YP00204384
A20	mmu-miR-20b-5p	MIMAT0001413	YP00204755	I20	mmu-miR-135a-5p	MIMAT0000428	YP00204762
A21	mmu-let-7i-5p	MIMAT0000415	YP00204394	I21	mmu-miR-106a-5p	MIMAT0000385	YP00205061
A22	mmu-let-7c-5p	MIMAT0000064	YP00204767	I22	mmu-miR-302b-3p	MIMAT0000715	YP00204773
A23	mmu-miR-615-3p	MIMAT0003283	YP00204453	I23	mmu-miR-185-5p	MIMAT0000455	YP00206037
A24	mo-miR-136-5p	MIMAT0000448	YP00204779	I24	mmu-miR-30c-5p	MIMAT0000244	YP00204783
B01	mmu-miR-544-3p	MIMAT0004941	YP00205580	J01	mmu-miR-654-5p	MIMAT0004897	YP00205046
B02	mmu-miR-122-5p	MIMAT0000421	YP00205664	J02	mmu-miR-379-5p	MIMAT0000733	YP00205658
B03	mmu-miR-224-5p	MIMAT0000671	YP00205153	J03	mmu-miR-676-3p	MIMAT0003782	YP00206025
B04	mmu-miR-16-5p	MIMAT0000069	YP00205702	J04	mmu-miR-125b-5p	MIMAT0000423	YP00205713
B05	mmu-miR-683	MIMAT0003461	YP00205102	J05	mmu-miR-741-3p	MIMAT0004236	YP00205237
B06	mmu-miR-30c-2-3p	MIMAT0004550	YP00205632	J06	mmu-miR-342-3p	MIMAT0000753	YP00205625
B07	mmu-miR-802-5p	MIMAT0004188	YP00205002	J07	rno-miR-105	MIMAT0012825	YP00205105
B08	mmu-miR-33-5p	MIMAT0000091	YP00205690	J08	mmu-miR-30e-5p	MIMAT0000692	YP00204714
B09	mo-miR-190b-5p	MIMAT0005302	YP00205110	J09	rno-miR-20b-3p	MIMAT0003212	YP00205115
B10	mmu-miR-202-5p	MIMAT0004546	YP00205654	J10	mmu-miR-208a-3p	MIMAT0000241	YP00205619
B11	mmu-miR-330-5p	MIMAT0004693	YP00204372	J11	rno-miR-338-3p	MIMAT0000581	YP00205126
B12	mmu-miR-449c-5p	MIMAT0003460	YP00205726	J12	mmu-miR-34b-3p	MIMAT0004581	YP00205086
B13	mo-miR-214-3p	MIMAT0000885	YP00205512	J13	mmu-miR-504-5p	MIMAT0002875	YP00204396
B14	mmu-miR-337-3p	MIMAT0000578	YP00205085	J14	mmu-miR-345-5p	MIMAT0000595	YP00205010
B15	UnISP3	UnISP3	YP02119288	J15	rno-miR-551b-3p	MIMAT0005596	YP00205145
B16	mmu-miR-351-5p	MIMAT0000609	YP00205011	J16	mmu-miR-376b-3p	MIMAT0001092	YP00205058
B17	mmu-miR-291a-5p	MIMAT0000367	YP00205063	J17	mmu-miR-343	MIMAT0004868	YP00205007
B18	mmu-miR-383-5p	MIMAT0000748	YP00205000	J18	mmu-miR-434-3p	MIMAT0001422	YP00205190
B19	mmu-miR-466a-3p	MIMAT0002107	YP00205027	J19	mmu-miR-293-3p	MIMAT0000371	YP00205003
B20	mmu-miR-452-5p	MIMAT0001637	YP00205590	J20	mmu-miR-465a-5p	MIMAT0002106	YP00205024
B21	mo-miR-148b-5p	MIMAT0004645	YP00205108	J21	mmu-miR-670-5p	MIMAT0003736	YP00205001
B22	mmu-miR-467d-5p	MIMAT0004886	YP00205212	J22	mmu-miR-488-3p	MIMAT0003450	YP00205035
B23	mmu-miR-297b-5p	MIMAT0003480	YP00205005	J23	mmu-miR-463-3p	MIMAT0004758	YP00205021
B24	mmu-miR-500-3p	MIMAT0003507	YP00205093	J24	mmu-miR-511-5p	MIMAT0004940	YP00205591
C01	mmu-miR-370-3p	MIMAT0000722	YP00204011	K01	mmu-miR-433-3p	MIMAT0001627	YP00204036

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
C02	mmu-miR-205-5p	MIMAT0000266	YP00204487	K02	mmu-miR-708-5p	MIMAT0004926	YP00204490
C03	mo-miR-493-3p	MIMAT0003191	YP00205141	K03	mmu-miR-15a-5p	MIMAT0000068	YP00204066
C04	mmu-miR-214-3p	MIMAT0000271	YP00204510	K04	mmu-miR-450a-5p	MIMAT0001545	YP00206085
C05	mmu-miR-192-5p	MIMAT0000222	YP00204099	K05	mmu-miR-132-3p	MIMAT0000426	YP00206035
C06	mmu-miR-221-3p	MIMAT0000278	YP00204532	K06	mmu-miR-760-3p	MIMAT0004957	YP00204549
C07	mmu-miR-339-5p	MIMAT0000764	YP00206007	K07	mmu-miR-133b-3p	MIMAT0000770	YP00206058
C08	mmu-let-7g-5p	MIMAT0000414	YP00204565	K08	mmu-miR-7a-5p	MIMAT0000252	YP00205877
C09	mmu-miR-873a-5p	MIMAT0004953	YP00204175	K09	mmu-miR-143-3p	MIMAT0000435	YP00205992
C10	mmu-miR-374b-5p	MIMAT0004955	YP00204608	K10	mmu-miR-325-3p	MIMAT0004640	YP00205088
C11	mmu-miR-126a-3p	MIMAT0000445	YP00204227	K11	mmu-miR-15b-5p	MIMAT0000417	YP00204243
C12	mmu-miR-137-3p	MIMAT0000429	YP00206062	K12	mmu-miR-744-5p	MIMAT0004945	YP00204663
C13	mmu-miR-203-3p	MIMAT0000264	YP00205914	K13	mmu-miR-215-5p	MIMAT0000904	YP00205150
C14	mmu-miR-146a-5p	MIMAT0000449	YP00204688	K14	mmu-miR-93-5p	MIMAT0000093	YP00204715
C15	UniSP3	N/A	YP02119288	K15	mmu-miR-425-5p	MIMAT0003393	YP00204337
C16	UniSP3	N/A	YP02119288	K16	mmu-miR-431-5p	MIMAT0001625	YP00204737
C17	mmu-miR-212-3p	MIMAT0000659	YP00206022	K17	mmu-miR-375-3p	MIMAT0000728	YP00204362
C18	mmu-miR-181d-5p	MIMAT0002821	YP00204789	K18	mmu-let-7b-5p	MIMAT0000063	YP00204750
C19	mmu-miR-99b-5p	MIMAT0000689	YP00205983	K19	mmu-miR-138-5p	MIMAT0000430	YP00206078
C20	mmu-miR-30d-5p	MIMAT0000245	YP00206047	K20	mmu-miR-190a-5p	MIMAT0000458	YP00204763
C21	mmu-miR-139-3p	MIMAT0004662	YP00205162	K21	mmu-miR-296-5p	MIMAT0000690	YP00204436
C22	mmu-miR-495-3p	MIMAT0002817	YP00206015	K22	mmu-miR-302c-3p	MIMAT0003376	YP00205064
C23	mmu-miR-155-5p	MIMAT0000165	YP02119303	K23	mmu-miR-449a-5p	MIMAT0001541	YP00204481
C24	mmu-miR-219a-5p	MIMAT0000276	YP00204780	K24	mmu-miR-324-5p	MIMAT0000761	YP00204057
D01	mmu-miR-217-5p	MIMAT0000679	YP00205070	L01	mmu-miR-667-3p	MIMAT0003734	YP00205048
D02	mmu-miR-100-5p	MIMAT0000098	YP00205689	L02	mmu-miR-490-3p	MIMAT0002806	YP00205999
D03	mmu-miR-672-5p	MIMAT0003735	YP00205170	L03	mmu-miR-679-5p	MIMAT0003455	YP00205581
D04	mmu-let-7e-5p	MIMAT0000066	YP00205711	L04	mmu-miR-684	MIMAT0003462	YP00205643
D05	hsa-miR-124-3p	MIMAT0000422	YP00206026	L05	mmu-miR-742-3p	MIMAT0004237	YP00205238
D06	mmu-miR-539-5p	MIMAT0003163	YP00205656	L06	mmu-miR-206-3p	MIMAT0000462	YP00206073
D07	mmu-miR-871-5p	MIMAT0004841	YP00205582	L07	rno-miR-143-3p	MIMAT0000849	YP00205106
D08	mmu-miR-301a-3p	MIMAT0000688	YP00205601	L08	mmu-let-7a-5p	MIMAT0000062	YP00205727
D09	mo-miR-200b-3p	MIMAT0000875	YP00205111	L09	mmu-miR-290a-3p	MIMAT0004572	YP00205180
D10	mmu-miR-339-3p	MIMAT0004649	YP00205686	L10	mmu-miR-292a-5p	MIMAT0000369	YP00205722
D11	mo-miR-223-3p	MIMAT0000892	YP00205120	L11	rno-miR-339-3p	MIMAT0004648	YP00205127
D12	mmu-miR-541-5p	MIMAT0003170	YP00205725	L12	mmu-miR-329-3p	MIMAT0000567	YP00205183
D13	mmu-miR-291a-3p	MIMAT0000368	YP00205060	L13	rno-miR-421-5p	MIMAT0001320	YP00205136
D14	mmu-miR-342-5p	MIMAT0004653	YP00205185	L14	mmu-miR-346-5p	MIMAT0000597	YP00205158
D15	mmu-miR-208b-3p	MIMAT0004960	YP00204636	L15	rno-miR-598-5p	MIMAT0005324	YP00205146
D16	mmu-miR-362-3p	MIMAT0004684	YP00205012	L16	mmu-miR-380-3p	MIMAT0000745	YP00205013
D17	mmu-let-7a-1-3p	MIMAT0004620	YP00205586	L17	mmu-miR-34b-5p	MIMAT0000382	YP00205075
D18	mmu-miR-384-3p	MIMAT0001076	YP00205079	L18	mmu-miR-434-5p	MIMAT0001421	YP00205015
D19	mmu-miR-466c-5p	MIMAT0004877	YP00206013	L19	mmu-miR-542-5p	MIMAT0003171	YP00205040
D20	mmu-miR-453	MIMAT0004870	YP00205020	L20	mmu-miR-467a-5p	MIMAT0003409	YP02119302
D21	mo-miR-201-5p	MIMAT0012846	YP00205506	L21	rno-miR-340-3p	MIMAT0000585	YP00205128
D22	mmu-miR-467e-5p	MIMAT0005293	YP00205213	L22	mmu-miR-489-3p	MIMAT0003112	YP00205036
D23	mmu-miR-20a-3p	MIMAT0004627	YP00205178	L23	mmu-miR-465c-5p	MIMAT0004873	YP00205026
D24	mmu-miR-501-3p	MIMAT0003509	YP00205037	L24	mmu-miR-540-3p	MIMAT0003167	YP00205193
E01	mmu-miR-186-5p	MIMAT0000456	YP00206053	M01	mmu-miR-139-5p	MIMAT0000656	YP00204037
E02	mmu-miR-363-3p	MIMAT0000707	YP00204726	M02	mmu-miR-199a-5p	MIMAT0000231	YP00204494
E03	mmu-miR-101b-3p	MIMAT0000616	YP00205072	M03	mmu-miR-551b-3p	MIMAT0003233	YP00204067

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
E04	mmu-miR-298-5p	MIMAT0000376	YP00205092	M04	mmu-miR-99a-5p	MIMAT0000097	YP00204521
E05	mmu-miR-499-5p	MIMAT0002870	YP00205935	M05	mmu-miR-135b-5p	MIMAT0000758	YP00204130
E06	mmu-miR-129-5p	MIMAT0000242	YP00204534	M06	rno-miR-222-3p	MIMAT0000279	YP00204551
E07	mmu-miR-320-3p	MIMAT0000510	YP00206042	M07	mmu-miR-216a-5p	MIMAT0000273	YP00204167
E08	mmu-miR-181a-5p	MIMAT0000256	YP00206081	M08	mmu-miR-184-3p	MIMAT0000454	YP00204601
E09	mmu-miR-378a-3p	MIMAT0003151	YP00204179	M09	mmu-miR-18a-5p	MIMAT0000072	YP00204207
E10	mmu-miR-300-3p	MIMAT0000378	YP00205066	M10	mmu-miR-98-5p	MIMAT0000096	YP00204640
E11	mmu-miR-21a-5p	MIMAT0000076	YP00204230	M11	mmu-miR-223-3p	MIMAT0000280	YP00205986
E12	mmu-miR-130a-3p	MIMAT0000425	YP00204658	M12	mmu-miR-29b-3p	MIMAT0000100	YP00204679
E13	mmu-miR-142a-3p	MIMAT0000434	YP00204291	M13	mmu-miR-193b-3p	MIMAT00004859	YP00205062
E14	mmu-miR-381-3p	MIMAT0000736	YP00205887	M14	mmu-miR-338-3p	MIMAT0000763	YP00204719
E15	mmu-miR-149-5p	MIMAT0000450	YP00204321	M15	mmu-miR-153-3p	MIMAT0000439	YP00204338
E16	mmu-miR-29c-3p	MIMAT0000681	YP00204729	M16	mmu-miR-367-3p	MIMAT0000719	YP00204784
E17	mmu-miR-409-3p	MIMAT0001639	YP00204358	M17	mmu-miR-455-5p	MIMAT00003150	YP00204363
E18	mmu-miR-23b-3p	MIMAT0000418	YP00204790	M18	mmu-miR-322-5p	MIMAT0000548	YP00205182
E19	hsa-miR-147b-3p	MIMAT0004928	YP00204368	M19	mmu-miR-196a-5p	MIMAT0000226	YP00204386
E20	mmu-miR-106b-5p	MIMAT0000680	YP00205884	M20	mmu-miR-27a-3p	MIMAT0000084	YP00206038
E21	mmu-miR-151-3p	MIMAT0000161	YP00205163	M21	mmu-miR-105	MIMAT00004856	YP00205090
E22	mmu-miR-17-5p	MIMAT0000070	YP02119304	M22	mmu-miR-31-5p	MIMAT0000538	YP00205159
E23	mmu-miR-182-5p	MIMAT0000211	YP00205089	M23	mmu-miR-200c-3p	MIMAT0000617	YP00204482
E24	mmu-miR-19a-3p	MIMAT0000073	YP00205862	M24	mmu-miR-34a-5p	MIMAT0000255	YP00204486
F01	mmu-miR-125a-3p	MIMAT0004602	YP00204446	N01	mmu-miR-668-3p	MIMAT0003732	YP00205049
F02	mmu-miR-134-5p	MIMAT0000447	YP00205989	N02	BlankSpot	N/A	YP02119291
F03	mmu-miR-675-3p	MIMAT0003726	YP00205227	N03	mmu-miR-680	MIMAT0003457	YP00205101
F04	mmu-miR-484	MIMAT0002174	YP00205636	N04	UniSp2	N/A	YP00203950
F05	mmu-miR-151-5p	MIMAT0004697	YP00204007	N05	mmu-miR-743b-5p	MIMAT00004839	YP00205240
F06	mmu-miR-669b-5p	MIMAT0003476	YP00205628	N06	UniSp4	N/A	YP00203953
F07	mmu-miR-875-3p	MIMAT0004938	YP00205246	N07	rno-miR-146b-5p	MIMAT0005595	YP00205107
F08	mmu-miR-30a-5p	MIMAT0000087	YP00205695	N08	UniSp5	N/A	YP00203955
F09	rno-miR-200c-3p	MIMAT0000873	YP00205505	N09	mmu-miR-369-3p	MIMAT0000721	YP00206028
F10	mmu-miR-376c-3p	MIMAT0003183	YP00205987	N10	UniSp6	N/A	YP00203954
F11	rno-miR-224-5p	MIMAT0003119	YP00205514	N11	rno-miR-345-5p	MIMAT0000594	YP00205129
F12	mmu-miR-340-5p	MIMAT0004692	YP00206068	N12	cel-miR-39-3p	MIMAT0000010	YP00203952
F13	rno-miR-377-3p	MIMAT0003123	YP00205538	N13	rno-miR-450a-5p	MIMAT0001547	YP00205546
F14	mmu-miR-344-3p	MIMAT0000593	YP00205008	N14	mmu-miR-103-3p	MIMAT0000101	YP00204063
F15	rno-miR-505-3p	MIMAT0003380	YP00205143	N15	mmu-miR-1b-5p	MIMAT0005835	YP00205584
F16	mmu-miR-362-5p	MIMAT0000706	YP00205073	N16	mmu-miR-191-5p	MIMAT0000440	YP00204306
F17	mmu-miR-297a-5p	MIMAT0000375	YP00206016	N17	mmu-miR-294-3p	MIMAT0000372	YP00205166
F18	mmu-miR-384-5p	MIMAT0004745	YP00205189	N18	mmu-miR-423-3p	MIMAT0001340	YP00204488
F19	mmu-miR-292a-3p	MIMAT0000370	YP00205188	N19	mmu-miR-758-3p	MIMAT0003889	YP00205241
F20	mmu-miR-449b	MIMAT0005447	YP00205016	N20	RNU1A1	N/A	YP00203909
F21	rno-miR-290	MIMAT0000893	YP00206027	N21	rno-miR-628	MIMAT0012836	YP00205147
F22	mmu-miR-493-3p	MIMAT0004888	YP00205087	N22	RNU5G	N/A	YP00203908
F23	mmu-miR-425-3p	MIMAT0001342	YP00205156	N23	mmu-miR-466d-3p	MIMAT0004931	YP00205029
F24	mmu-miR-503-5p	MIMAT0003188	YP00205094	N24	U6 snRNA	N/A	YP00203907
G01	mmu-miR-187-3p	MIMAT0000262	YP00204018	O01	mmu-miR-410-3p	MIMAT0002171	YP00204042
G02	mmu-miR-18a-3p	MIMAT0004626	YP00205174	O02	mmu-miR-141-3p	MIMAT0000432	YP00204504
G03	mmu-miR-369-5p	MIMAT0001621	YP00206014	O03	mmu-miR-194-5p	MIMAT0000460	YP00204080
G04	mmu-miR-9-5p	MIMAT0000441	YP00204513	O04	rno-miR-181b-5p	MIMAT0000257	YP00204530
G05	mmu-miR-148a-3p	MIMAT0000243	YP00205867	O05	mmu-miR-202-3p	MIMAT0000235	YP00205081

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
G06	mmu-miR-199a-3p	MIMAT0000232	YP00204536	O06	mmu-miR-146b-5p	MIMAT00002809	YP00204553
G07	mmu-miR-331-3p	MIMAT0000760	YP00206046	O07	mmu-miR-382-5p	MIMAT0000737	YP00204169
G08	mmu-miR-494-3p	MIMAT0002816	YP00204579	O08	mmu-miR-421-3p	MIMAT00003339	YP00204603
G09	mmu-miR-207	MIMAT0000240	YP00205084	O09	mmu-miR-532-5p	MIMAT00002888	YP00204221
G10	mmu-miR-365-3p	MIMAT0000710	YP00204622	O10	mmu-miR-200b-3p	MIMAT0000318	YP00206071
G11	mmu-miR-188-5p	MIMAT0000457	YP00204239	O11	mmu-miR-24-3p	MIMAT00000080	YP00204260
G12	mmu-miR-299a-3p	MIMAT0004577	YP00205071	O12	mmu-miR-181c-5p	MIMAT0000258	YP00204683
G13	mmu-miR-20a-5p	MIMAT0000075	YP00204292	O13	mmu-miR-302d-3p	MIMAT0000718	YP00204311
G14	mmu-miR-29a-3p	MIMAT0000086	YP00204698	O14	mmu-miR-142a-5p	MIMAT0000433	YP00204722
G15	mmu-miR-28a-5p	MIMAT0000085	YP00204322	O15	mmu-miR-125a-5p	MIMAT0000443	YP00204339
G16	mmu-miR-377-3p	MIMAT0000730	YP00204733	O16	mmu-miR-101a-3p	MIMAT00000099	YP00204786
G17	mmu-let-7f-5p	MIMAT0000067	YP00204359	O17	mmu-miR-328-3p	MIMAT0000752	YP00204364
G18	mmu-miR-301b-3p	MIMAT0004186	YP00205065	O18	mmu-miR-144-3p	MIMAT0000436	YP00204754
G19	mmu-miR-9-3p	MIMAT0000442	YP00204620	O19	mmu-miR-652-3p	MIMAT00003322	YP00204387
G20	mmu-miR-874-3p	MIMAT0004911	YP00204761	O20	mmu-miR-30b-5p	MIMAT0000420	YP00204765
G21	mmu-miR-96-5p	MIMAT0000095	YP00204417	O21	mmu-miR-19b-3p	MIMAT00000074	YP00204450
G22	mmu-miR-23a-3p	MIMAT0000078	YP00204772	O22	mmu-miR-10a-5p	MIMAT0000253	YP00204778
G23	mmu-miR-107-3p	MIMAT0000104	YP00204468	O23	mmu-miR-145a-5p	MIMAT0000437	YP00204483
G24	mmu-miR-27b-3p	MIMAT0000419	YP00205915	O24	mmu-miR-201-5p	MIMAT0000234	YP00205083
H01	mmu-miR-598-3p	MIMAT0004942	YP00205045	P01	mmu-miR-669a-5p	MIMAT00003477	YP00205450
H02	mmu-miR-361-5p	MIMAT0000703	YP00206054	P02	mmu-miR-34c-5p	MIMAT0000686	YP00205659
H03	mmu-miR-675-5p	MIMAT0003725	YP00205097	P03	mmu-miR-682	MIMAT00003459	YP00205230
H04	mmu-miR-877-5p	MIMAT0004949	YP00205626	P04	mmu-miR-423-5p	MIMAT00004748	YP00205624
H05	mmu-miR-687	MIMAT0003466	YP00205232	P05	mmu-miR-7b-5p	MIMAT00000678	YP00205082
H06	mmu-miR-204-5p	MIMAT0000265	YP00206072	P06	mmu-miR-128-3p	MIMAT0000424	YP00205995
H07	mo-miR-1-3p	MIMAT0003125	YP00205104	P07	rno-miR-17-1-3p	MIMAT00004710	YP00205583
H08	mmu-miR-10b-5p	MIMAT0000254	YP00205637	P08	mmu-miR-136-5p	MIMAT0000148	YP00205712
H09	mo-miR-207	MIMAT0003115	YP00205509	P09	mmu-miR-219a-1-3p	MIMAT0017055	YP00205118
H10	mmu-miR-465b-5p	MIMAT0004871	YP00205668	P10	rno-miR-582-5p	MIMAT0012833	YP00205723
H11	mo-miR-337-3p	MIMAT0000577	YP00205125	P11	rno-miR-346	MIMAT0000596	YP00205130
H12	mmu-miR-412-3p	MIMAT0001094	YP00205587	P12	mmu-miR-337-5p	MIMAT00004644	YP00205184
H13	mo-miR-381-3p	MIMAT0003199	YP00205540	P13	mmu-miR-291b-5p	MIMAT0003189	YP00205069
H14	mmu-miR-345-3p	MIMAT0004656	YP00205009	P14	mmu-miR-350-3p	MIMAT0000605	YP00205186
H15	mo-miR-208a-3p	MIMAT0000880	YP00205974	P15	mmu-miR-196a-2-3p	MIMAT00004618	YP00205585
H16	mmu-miR-376a-3p	MIMAT0000740	YP00205059	P16	mmu-miR-380-5p	MIMAT0000744	YP00205165
H17	mmu-miR-297a-3p	MIMAT0004864	YP00205004	P17	mmu-miR-295-3p	MIMAT0000373	YP00205078
H18	mmu-miR-429-3p	MIMAT0001537	YP00205068	V	mmu-miR-450b-5p	MIMAT00003511	YP00205019
H19	mmu-miR-592-5p	MIMAT0003730	YP00205044	P19	mmu-miR-883b-5p	MIMAT00004850	YP00205248
H20	mmu-miR-465a-3p	MIMAT0004217	YP00205023	P20	mmu-miR-467b-5p	MIMAT00005448	YP00205192
H21	mo-miR-293-5p	MIMAT0012847	YP00205519	P21	rno-miR-711	MIMAT0012859	YP00205148
H22	mmu-miR-470-5p	MIMAT0002111	YP00205216	P22	mmu-miR-497a-5p	MIMAT0003453	YP00205164
H23	mmu-miR-450a-2-3p	MIMAT0004789	YP00205588	P23	mmu-miR-466d-5p	MIMAT00004930	YP00205168
H24	mmu-miR-509-3p	MIMAT0004891	YP00205038	P24	mmu-miR-540-5p	MIMAT00004786	YP00205194

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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