

miScript™ miRNA PCR Array (384-well, 384HC)

Mouse miRBase Profiler HC Plate 3 ptt

For mature miRNA expression profiling using SYBR® Green-based real-time PCR

Cyclers for use with miScript miRNA PCR Array formats

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	331223 MIMM-3453AE
G	Roche® LightCycler® 480 (384-well block)	384 well	331223 MIMM-3453AG

Contents

miScript miRNA HC PCR Arrays Formats E and G consist of 2, 12 or 24 PCR array plates provided with 2, 12 or 24 Optical Adhesive Films.

Description

Profile the relative expression of up to 1146 mouse miRNAs using an exclusive, scalable set of PCR panels. The miScript Mouse miRBase Profiler HC series of PCR arrays is a 3-plate set with each plate containing a total of 372 microRNA miScript Primer Assays. The set enables the accurate relative quantification of the most current mouse miRNA genome (miRNome or microRNome) as annotated in miRBase (www.miRBase.org). Individual plate(s) containing miRNAs of interest may be selected, or plates may be used in succession to profile miRNAs from each miRBase release up through the most recent version (currently V20). The flexibility and completeness of the panel ensures that scientists can identify all of the miRNAs in body fluids, exosomes, cells, or tissues (fresh, frozen, or FFPE) that potentially impact a specific biological process. By testing the complete set of miRNAs, the miRBase Profiler enables the definition of superior miRNA biomarker panels. A set of controls also present on each array enables data analysis using the

For further details, consult the *miScript miRNA PCR Array Handbook*.

QIAGEN reserves the right to occasionally redesign individual assays on the miScript Arrays for improved performance. This revision history can be accessed by contacting technical support and supplying the batch numbers from your arrays.



Sample & Assay Technologies

Shipping and storage

miScript miRNA PCR Arrays are shipped at ambient temperature, on ice, or on dry ice depending on the destination and accompanying products. Upon receipt, store at -20°C . If stored under these conditions, miScript miRNA PCR Arrays are stable for 6 months after receipt.

Note: Ensure that you have the correct miScript miRNA PCR Array format for your real-time cycler (see table above).

Note: Open the package and store the products at the indicated temperature immediately on receipt.

Array layout

miScript Primer Assays can be ordered for each mature miRNA at www.qiagen.com/GeneGlobe.

Position	Mature miRNA ID	miScript Primer Assay Catalog #
A01	mmu-miR-1894-5p	MS00032403
A02	mmu-miR-1929-5p	MS00017220
A03	mmu-miR-194-2-3p	MS00024395
A04	mmu-miR-653-3p	MS00026187
A05	mmu-miR-3110-5p	MS00032683
A06	mmu-miR-326-5p	MS00025557
A07	mmu-miR-1930-3p	MS00024367
A08	mmu-miR-3080-5p	MS00025074
A09	mmu-miR-32-3p	MS00025543
A10	mmu-miR-873a-3p	MS00026460
A11	mmu-miR-379-5p	MS00011942
A12	mmu-miR-3088-3p	MS00025186
A13	mmu-miR-200c-3p	MS00001827
A14	mmu-miR-34a-3p	MS00025697
A15	mmu-miR-143-5p	MS00024206
A16	mmu-miR-3070b-3p	MS00024941
A17	mmu-miR-1251-5p	MS00032298
A18	mmu-miR-3059-5p	MS00024773
A19	mmu-miR-1843a-3p	MS00032389
A20	mmu-miR-1948-5p	MS00024416
A21	mmu-miR-377-5p	MS00025795
A22	mmu-miR-432	MS00017451
A23	mmu-miR-3065-3p	MS00024850
A24	mmu-miR-1952	MS00017206
B01	mmu-miR-208b-5p	MS00024549
B02	mmu-miR-696	MS00002870
B03	mmu-miR-135a-2-3p	MS00024171
B04	mmu-miR-3082-3p	MS00025095
B05	mmu-miR-3108-3p	MS00025466
B06	mmu-miR-182-3p	MS00024297
B07	mmu-miR-3079-5p	MS00025060
B08	mmu-miR-18b-3p	MS00024332
B09	mmu-miR-871-5p	MS00026453
B10	mmu-miR-19b-1-5p	MS00024493
B11	mmu-miR-1956	MS00016919
B12	mmu-miR-701-3p	MS00026383
B13	mmu-miR-1264-5p	MS00024087
B14	mmu-miR-652-5p	MS00026180
B15	mmu-miR-493-5p	MS00026033
B16	mmu-miR-1a-2-5p	MS00023898
B17	mmu-miR-132-5p	MS00024143
B18	mmu-miR-3072-3p	MS00021945
B19	mmu-miR-1947-3p	MS00024409
B20	mmu-miR-1197-3p	MS00014910
B21	mmu-miR-27b-5p	MS00011571
B22	mmu-miR-3074-5p	MS00024997
B23	mmu-miR-673-3p	MS00012481
B24	mmu-miR-669f-3p	MS00032998
C01	mmu-miR-3472	MS00021987
C02	mmu-miR-3093-3p	MS00025249
C03	mmu-miR-196a-2-3p	MS00024472
C04	mmu-miR-3083-3p	MS00025109
C05	mmu-miR-1298-3p	MS00024122
C06	mmu-miR-490-5p	MS00026019
C07	mmu-miR-450a-1-3p	MS00025872
C08	mmu-miR-760-5p	MS00026411
C09	mmu-miR-101b-5p	MS00023919
C10	mmu-miR-669b-3p	MS00026236
C11	mmu-miR-136-3p	MS00011144
C12	mmu-miR-3102-3p	MS00025389
C13	mmu-miR-297a-5*	MS00024689
C14	mmu-miR-1965	MS00016828
C15	mmu-miR-99a-3p	MS00026509
C16	mmu-miR-1839-5p	MS00016835

Position	Mature miRNA ID	miScript Primer Assay Catalog #
C17	mmu-miR-92a-2-5p	MS00026481
C18	mmu-miR-667-5p	MS00026208
C19	mmu-miR-3076-5p	MS00025025
C20	mmu-miR-383-3p	MS00025809
C21	mmu-miR-466h-5p	MS00012201
C22	mmu-miR-3057-5p	MS00024745
C23	mmu-miR-3082-5p	MS00025102
C24	mmu-miR-18b-5p	MS00011326
D01	mmu-miR-1955-5p	MS00032501
D02	mmu-miR-134-3p	MS00024157
D03	mmu-miR-466l-5p	MS00032886
D04	mmu-miR-431-3p	MS00012019
D05	mmu-miR-3112-5p	MS00025515
D06	mmu-miR-379-3p	MS00032795
D07	mmu-miR-219a-1-3p	MS00024612
D08	mmu-miR-129-1-3p	MS00024108
D09	mmu-miR-1198-5p	MS00014917
D10	mmu-miR-1193-5p	MS00023982
D11	mmu-miR-7b-3p	MS00033075
D12	mmu-miR-153-5p	MS00024248
D13	mmu-miR-3071-3p	MS00024948
D14	mmu-miR-664-3p	MS00017465
D15	mmu-miR-200b-3p	MS00011417
D16	mmu-miR-1907	MS00016597
D17	mmu-miR-3475-3p	MS00022008
D18	mmu-miR-3075-3p	MS00025004
D19	mmu-miR-471-3p	MS00025991
D20	mmu-miR-344h-5p	MS00025655
D21	mmu-miR-547-5p	MS00026152
D22	mmu-miR-208a-5p	MS00024542
D23	mmu-let-7e-3p	MS00023877
D24	mmu-miR-367-3p	MS00002233
E01	mmu-miR-598-5p	MS00032970
E02	mmu-miR-195a-3p	MS00032487
E03	mmu-miR-1224-5p	MS00011074
E04	mmu-miR-320-5p	MS00025550
E05	mmu-miR-3064-5p	MS00024843
E06	mmu-miR-3068-5p	MS00024899
E07	mmu-miR-1930-5p	MS00017017
E08	mmu-miR-212-3p	MS00024570
E09	mmu-miR-100-3p	MS00032221
E10	mmu-miR-874-5p	MS00026467
E11	mmu-miR-128-2-5p	MS00024101
E12	mmu-miR-543-5p	MS00032949
E13	mmu-miR-3104-3p	MS00025410
E14	mmu-miR-181c-3p	MS00024283
E15	mmu-miR-544-5p	MS00026145
E16	mmu-miR-381-5p	MS00025802
E17	mmu-miR-505-3p	MS00002604
E18	mmu-miR-138-1-3p	MS00024192
E19	mmu-miR-3060-5p	MS00024780
E20	mmu-miR-3088-5p	MS00025179
E21	mmu-miR-1a-1-5p	MS00023891
E22	mmu-miR-450a-2-3p	MS00025879
E23	mmu-let-7f-2-3p	MS00023884
E24	mmu-miR-3091-5p	MS00025228
F01	mmu-miR-367-5p	MS00025753
F02	mmu-miR-351-3p	MS00025711
F03	mmu-miR-1927	MS00016968
F04	mmu-miR-106a-3p	MS00023954
F05	mmu-miR-23a-5p	MS00024654
F06	mmu-let-7a-2-3p	MS00023870
F07	mmu-miR-873a-5p	MS00012733
F08	mmu-miR-871-3p	MS00026446
F09	mmu-miR-222-5p	MS00024633
F10	mmu-miR-181b-2-3p	MS00032375
F11	mmu-miR-540-5p	MS00012334
F12	mmu-miR-452-5p	MS00025900
F13	mmu-miR-3101-3p	MS00025354
F14	mmu-miR-16-2-3p	MS00024269
F15	mmu-let-7f-1-3p	MS00032193
F16	mmu-miR-350-5p	MS00025704

Position	Mature miRNA ID	miScript Primer Assay Catalog #
F17	mmu-miR-466n-3p	MS00025921
F18	mmu-miR-3090-5p	MS00025207
F19	mmu-miR-1964-5p	MS00024451
F20	mmu-miR-344c-3p	MS00025620
F21	mmu-miR-2136	MS00017374
F22	mmu-miR-129-2-3p	MS00006013
F23	mmu-miR-3092-5p	MS00025235
F24	mmu-miR-204-3p	MS00024514
G01	mmu-miR-206-3p	MS00001869
G02	mmu-miR-449a-3p	MS00025865
G03	mmu-miR-3086-5p	MS00025158
G04	mmu-miR-1933-3p	MS00016912
G05	mmu-miR-211-3p	MS00024563
G06	mmu-miR-3079-3p	MS00025053
G07	mmu-miR-3109-3p	MS00025487
G08	mmu-miR-143-3p	MS00001617
G09	mmu-miR-1249-5p	MS00024038
G10	mmu-miR-669m-3p	MS00026327
G11	mmu-miR-219a-5p	MS00006125
G12	mmu-miR-3099-3p	MS00021959
G13	mmu-miR-3074-1-3p	MS00024976
G14	mmu-miR-1298-5p	MS00024129
G15	mmu-miR-1951	MS00017171
G16	mmu-miR-1943-5p	MS00017101
G17	mmu-miR-3089-3p	MS00025193
G18	mmu-miR-499-3p	MS00026061
G19	mmu-miR-194-1-3p	MS00032480
G20	mmu-miR-1940	MS00017031
G21	mmu-miR-483-5p	MS00012264
G22	mmu-miR-467g	MS00022190
G23	mmu-miR-668-3p	MS00002709
G24	mmu-miR-1941-5p	MS00017087
H01	mmu-miR-221-5p	MS00024626
H02	mmu-miR-466a-3p	MS00025942
H03	mmu-miR-147-5p	MS00024227
H04	mmu-miR-301a-5p	MS00024717
H05	mmu-miR-34c-3p	MS00011907
H06	mmu-miR-96-3p	MS00026495
H07	mmu-miR-3109-5p	MS00025480
H08	mmu-miR-1961	MS00021903
H09	mmu-miR-3098-5p	MS00025326
H10	mmu-miR-107-5p	MS00023961
H11	mmu-miR-767	MS00017472
H12	mmu-miR-29b-2-5p	MS00024710
H13	mmu-miR-669c-5p	MS00032984
H14	mmu-miR-103-1-5p	MS00023926
H15	mmu-miR-344b-3p	MS00025592
H16	mmu-miR-669p-5p	MS00026222
H17	mmu-miR-486-3p	MS00025452
H18	mmu-miR-486-5p	MS00029246
H19	mmu-miR-467a-3p	MS00025970
H20	mmu-miR-466a-5p	MS00022015
H21	mmu-miR-374b-5p	MS00006223
H22	mmu-miR-3070b-5p	MS00024920
H23	mmu-miR-199b-3p	MS00007889
H24	mmu-miR-1982-3p	MS00029260
I01	mmu-let-7c-2-3p	MS00023856
I02	mmu-miR-28c	MS00001365
I03	mmu-miR-3096a-5p	MS00025298
I04	mmu-miR-3096a-3p	MS00029253
I05	mmu-miR-103-1-5p	MS00043386
I06	mmu-miR-1186a	MS00042483
I07	mmu-miR-1199-3p	MS00042490
I08	mmu-miR-139-3p	MS00033782
I09	mmu-miR-1843a-5p	MS00042525
I10	mmu-miR-1893	MS00042553
I11	mmu-miR-1966-5p	MS00042567
I12	mmu-miR-2139	MS00042574
I13	mmu-miR-291b-5p	MS00042588
I14	mmu-miR-292-5p	MS00033775
I15	mmu-miR-297c-3p	MS00033817
I16	mmu-miR-3073a-5p	MS00042602

Position	Mature miRNA ID	miScript Primer Assay Catalog #
I17	mmu-miR-3074-2-3p	MS00042623
I18	mmu-miR-3081-3p	MS00042630
I19	mmu-miR-3081-5p	MS00042637
I20	mmu-miR-3100-5p	MS00042644
I21	mmu-miR-3113-3p	MS00042651
I22	mmu-miR-323-3p	MS00042658
I23	mmu-miR-341-5p	MS00042665
I24	mmu-miR-344-3p	MS00042672
J01	mmu-miR-3470a	MS00042693
J02	mmu-miR-3470b	MS00042700
J03	mmu-miR-3473a	MS00042707
J04	mmu-miR-365-2-5p	MS00042756
J05	mmu-miR-370-3p	MS00033768
J06	mmu-miR-466d-5p	MS00042868
J07	mmu-miR-466f	MS00042875
J08	mmu-miR-466f-3p	MS00033789
J09	mmu-miR-466n-5p	MS00042882
J10	mmu-miR-467a-5p	MS00042889
J11	mmu-miR-467d-5p	MS00042896
J12	mmu-miR-494-3p	MS00033761
J13	mmu-miR-497-3p	MS00042917
J14	mmu-miR-574-5p	MS00033796
J15	mmu-miR-669a-3-3p	MS00043316
J16	mmu-miR-669a-3p	MS00043323
J17	mmu-miR-669l-3p	MS00043379
J18	mmu-miR-669d-3p	MS00043330
J19	mmu-miR-669d-5p	MS00033810
J20	mmu-miR-669l-5p	MS00043337
J21	mmu-miR-673-5p	MS00043344
J22	mmu-miR-692	MS00043351
J23	mmu-miR-712-3p	MS00033803
J24	mmu-miR-741-5p	MS00043358
K01	mmu-miR-880-5p	MS00043365
K02	mmu-miR-99b-5p	MS00037338
K03	mmu-miR-101c	MS00042476
K04	mmu-miR-1306-5p	MS00042511
K05	mmu-miR-1843b-3p	MS00042532
K06	mmu-miR-1843b-5p	MS00042539
K07	mmu-miR-28b	MS00042581
K08	mmu-miR-3473b	MS00042714
K09	mmu-miR-3473c	MS00042721
K10	mmu-miR-3473d	MS00042728
K11	mmu-miR-3572-3p	MS00042749
K12	mmu-miR-378b	MS00042770
K13	mmu-miR-3960	MS00042777
K14	mmu-miR-3961	MS00042784
K15	mmu-miR-3962	MS00042791
K16	mmu-miR-3963	MS00042798
K17	mmu-miR-3964	MS00042805
K18	mmu-miR-3965	MS00042812
K19	mmu-miR-3966	MS00042819
K20	mmu-miR-3967	MS00042826
K21	mmu-miR-3968	MS00042833
K22	mmu-miR-3969	MS00042840
K23	mmu-miR-3970	MS00042847
K24	mmu-miR-3971	MS00042854
L01	mmu-miR-5046	MS00042924
L02	mmu-miR-5097	MS00042931
L03	mmu-miR-5098	MS00042938
L04	mmu-miR-5099	MS00042945
L05	mmu-miR-5100	MS00042952
L06	mmu-miR-5101	MS00042959
L07	mmu-miR-5103	MS00042966
L08	mmu-miR-5104	MS00042973
L09	mmu-miR-5106	MS00042980
L10	mmu-miR-5107-5p	MS00042987
L11	mmu-miR-5108	MS00042994
L12	mmu-miR-5110	MS00043001
L13	mmu-miR-5112	MS00043008
L14	mmu-miR-5113	MS00043015
L15	mmu-miR-5114	MS00043022
L16	mmu-miR-5116	MS00043029

Position	Mature miRNA ID	miScript Primer Assay Catalog #
L17	mmu-miR-5117-5p	MS00043043
L18	mmu-miR-5118	MS00043050
L19	mmu-miR-5119	MS00043057
L20	mmu-miR-5120	MS00043064
L21	mmu-miR-5121	MS00043071
L22	mmu-miR-5122	MS00043078
L23	mmu-miR-5123	MS00043085
L24	mmu-miR-5124a	MS00043092
M01	mmu-miR-5125	MS00043099
M02	mmu-miR-5127	MS00043106
M03	mmu-miR-5131	MS00043113
M04	mmu-miR-5132-5p	MS00043120
M05	mmu-miR-5134-5p	MS00043127
M06	mmu-miR-5135	MS00043134
M07	mmu-miR-5136	MS00043141
M08	mmu-miR-1231-3p	MS00042497
M09	mmu-miR-1231-5p	MS00042504
M10	mmu-miR-184-5p	MS00042546
M11	mmu-miR-1929-3p	MS00042560
M12	mmu-miR-299a-3p	MS00043393
M13	mmu-miR-3073b-3p	MS00042609
M14	mmu-miR-3073b-5p	MS00042616
M15	mmu-miR-344h-3p	MS00042679
M16	mmu-miR-344i	MS00042686
M17	mmu-miR-3544-3p	MS00042735
M18	mmu-miR-3544-5p	MS00042742
M19	mmu-miR-449c-3p	MS00042861
M20	mmu-miR-468-5p	MS00042903
M21	mmu-miR-489-5p	MS00042910
M22	mmu-miR-5117-3p	MS00043036
M23	mmu-miR-5615-3p	MS00043148
M24	mmu-miR-5615-5p	MS00043155
N01	mmu-miR-5616-3p	MS00043162
N02	mmu-miR-5616-5p	MS00043169
N03	mmu-miR-5617-5p	MS00043176
N04	mmu-miR-5618-3p	MS00043183
N05	mmu-miR-5618-5p	MS00043190
N06	mmu-miR-5619-3p	MS00043197
N07	mmu-miR-5619-5p	MS00043204
N08	mmu-miR-5620-3p	MS00043211
N09	mmu-miR-5620-5p	MS00043218
N10	mmu-miR-5621-3p	MS00043225
N11	mmu-miR-5622-3p	MS00043232
N12	mmu-miR-5622-5p	MS00043239
N13	mmu-miR-5623-3p	MS00043246
N14	mmu-miR-5623-5p	MS00043253
N15	mmu-miR-5624-3p	MS00043260
N16	mmu-miR-5624-5p	MS00043267
N17	mmu-miR-5625-3p	MS00043274
N18	mmu-miR-5625-5p	MS00043281
N19	mmu-miR-5626-3p	MS00043288
N20	mmu-miR-5626-5p	MS00043295
N21	mmu-miR-5709-5p	MS00043302
N22	mmu-miR-5710	MS00043309
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O01	blank	
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O07	blank	
O08	blank	
O09	blank	
O10	blank	
O11	blank	
O12	blank	
O13	blank	
O14	blank	
O15	blank	
O16	blank	

Position	Mature miRNA ID	miScript Primer Assay Catalog #
O17	blank	
O18	blank	
O19	blank	
O20	blank	
O21	blank	
O22	blank	
O23	blank	
O24	blank	
P01	blank	
P02	blank	
P03	blank	
P04	blank	
P05	blank	
P06	blank	
P07	blank	
P08	blank	
P09	blank	
P10	blank	
P11	blank	
P12	blank	
P13	cel-miR-39-3p	MS00019789
P14	cel-miR-39-3p	MS00019789
P15	SNORD61	MS00033705
P16	SNORD68	MS00033712
P17	SNORD72	MS00033719
P18	SNORD95	MS00033726
P19	SNORD96A	MS00033733
P20	RNU6-2	MS00033740
P21	miRTC	MS00000001
P22	miRTC	MS00000001
P23	PPC	MS00000002
P24	PPC	MS00000002

Related products

Product	Contents	Cat. no.
miScript II RT Kit (12)	For 12 cDNA synthesis reactions: miScript Reverse Transcriptase Mix, 10x miScript Nucleics Mix, 5x miScript HiSpec Buffer, 5x miScript HiFlex Buffer, RNase-Free Water	218160
miScript II RT Kit (50)	For 50 cDNA synthesis reactions: miScript Reverse Transcriptase Mix, 10x miScript Nucleics Mix, 5x miScript HiSpec Buffer, 5x miScript HiFlex Buffer, RNase-Free Water	218161
miScript SYBR Green PCR Kit (200)	For 200 reactions: QuantiTect SYBR Green PCR Master Mix, miScript Universal Primer	218073
miScript SYBR Green PCR Kit (1000)	For 1000 reactions: QuantiTect SYBR Green PCR Master Mix, miScript Universal Primer	218075
miRNome miScript miRNA PCR Array	Array of assays for the human, mouse, rat, or dog miRNome; available in 96-well, 384-well, or Rotor-Disc 100 format	Varies
miScript miRNA QC PCR Array	Array for assessing cDNA sample quality	Varies
miScript Primer Assay (100)	10x miScript Primer Assay (contains one miRNA-specific primer)	Varies
RT ² PCR Array Loading Reservoirs	12 x 5 ml capacity, irradiation-sterilized loading reservoirs	338162
384EZLoad Covers	Pack of 4 color-coded covers for loading 384-well plates	338125

For up-to-date licensing information and product-specific disclaimers, see the respective QIAGEN kit handbook or user manual. QIAGEN kit handbooks and user manuals are available at www.qiagen.com or can be requested from QIAGEN Technical Services or your local distributor.

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