

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

Human miRBase Profiler HC Plate 3

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 MIHS-3403ZE
G	Roche® LightCycler® 480 (384-well block)	384 well	331223 MIHS-3403ZG

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 2402 human miRNAs using an exclusive, scalable set of PCR panels. The miScript Human miRBase Profiler HC series of PCR arrays is a 7-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 human 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	hsa-miR-4315	MS00021574
A02	hsa-miR-644a	MS00005271
A03	hsa-miR-2110	MS00016772
A04	hsa-miR-27b-5p	MS00009247
A05	hsa-miR-3607-3p	MS00022953
A06	hsa-miR-3173-3p	MS00020839
A07	hsa-miR-320e	MS00021091
A08	hsa-miR-548x-3p	MS00021763
A09	hsa-miR-3613-3p	MS00031787
A10	hsa-miR-3154	MS00020706
A11	hsa-miR-302e	MS00014693
A12	hsa-miR-3913-5p	MS00023541
A13	hsa-miR-924	MS00010787
A14	hsa-miR-3670	MS00023254
A15	hsa-miR-2355-3p	MS00022890
A16	hsa-miR-3607-5p	MS00022960
A17	hsa-miR-3667-5p	MS00023233
A18	hsa-miR-518e-3p	MS00004487
A19	hsa-miR-4276	MS00021301
A20	hsa-miR-624-3p	MS00008225
A21	hsa-miR-3612	MS00022988
A22	hsa-miR-4254	MS00021147
A23	hsa-miR-4260	MS00021189
A24	hsa-miR-885-3p	MS00010661
B01	hsa-miR-4324	MS00021637
B02	hsa-miR-3938	MS00023681
B03	hsa-miR-642b-3p	MS00023835
B04	hsa-miR-548v	MS00021749
B05	hsa-miR-4262	MS00021203
B06	hsa-miR-3118	MS00020433
B07	hsa-miR-3919	MS00023583
B08	hsa-miR-3137	MS00020580
B09	hsa-miR-3605-3p	MS00022932
B10	hsa-miR-3666	MS00023219
B11	hsa-miR-645	MS00010444
B12	hsa-miR-617	MS00005082
B13	hsa-miR-3149	MS00020671
B14	hsa-miR-323b-3p	MS00031724
B15	hsa-miR-4255	MS00021154
B16	hsa-miR-551b-5p	MS00031997
B17	hsa-miR-3912-3p	MS00023534
B18	hsa-miR-3925-5p	MS00023618
B19	hsa-miR-4285	MS00021364
B20	hsa-miR-4252	MS00021133
B21	hsa-miR-1193	MS00020265
B22	hsa-miR-483-5p	MS00009758
B23	hsa-miR-4295	MS00021434
B24	hsa-miR-3669	MS00023247
C01	hsa-miR-1260b	MS00020279
C02	hsa-miR-3667-3p	MS00023226
C03	hsa-miR-604	MS00004991
C04	hsa-miR-1248	MS00014238
C05	hsa-miR-4312	MS00021553
C06	hsa-miR-154-5p	MS00003598
C07	hsa-miR-4326	MS00021651
C08	hsa-miR-4304	MS00021497
C09	hsa-miR-3918	MS00023576
C10	hsa-miR-3674	MS00023282
C11	hsa-miR-3174	MS00020846
C12	hsa-miR-3671	MS00023261
C13	hsa-miR-466	MS00021686
C14	hsa-miR-3175	MS00020853
C15	hsa-miR-4294	MS00021427
C16	hsa-miR-3182	MS00020909

Position	Mature miRNA ID	miScript Primer Assay Catalog #
C17	hsa-miR-5481-3p	MS00023758
C18	hsa-miR-3678-5p	MS00023324
C19	hsa-miR-3124-5p	MS00020475
C20	hsa-miR-3162-5p	MS00020762
C21	hsa-miR-3684	MS00023387
C22	hsa-miR-3659	MS00023170
C23	hsa-miR-4325	MS00031857
C24	hsa-miR-34c-3p	MS00009548
D01	hsa-miR-2355-5p	MS00020370
D02	hsa-miR-548y	MS00023765
D03	hsa-miR-553	MS00010171
D04	hsa-miR-676-3p	MS00023849
D05	hsa-miR-3199	MS00021056
D06	hsa-miR-670-5p	MS00017318
D07	hsa-miR-16-2-3p	MS00008813
D08	hsa-miR-187-5p	MS00008890
D09	hsa-miR-593-5p	MS00010283
D10	hsa-miR-3130-5p	MS00020531
D11	hsa-miR-4293	MS00021420
D12	hsa-miR-3921	MS00023597
D13	hsa-miR-3682-3p	MS00023373
D14	hsa-miR-548s	MS00021728
D15	hsa-miR-147b	MS00008729
D16	hsa-miR-3907	MS00023499
D17	hsa-miR-3943	MS00023716
D18	hsa-miR-3675-5p	MS00023296
D19	hsa-miR-378b	MS00021112
D20	hsa-miR-3685	MS00023394
D21	hsa-miR-508-5p	MS00009870
D22	hsa-miR-3606-5p	MS00022946
D23	hsa-miR-3120-3p	MS00020447
D24	hsa-miR-3194-5p	MS00021021
E01	hsa-miR-377-3p	MS00004095
E02	hsa-miR-1912	MS00016485
E03	hsa-miR-3164	MS00020776
E04	hsa-miR-182-3p	MS00008862
E05	hsa-miR-4261	MS00021196
E06	hsa-miR-490-5p	MS00009786
E07	hsa-miR-3681-3p	MS00023359
E08	hsa-miR-640	MS00010437
E09	hsa-miR-3713	MS00023478
E10	hsa-miR-3616-3p	MS00023016
E11	hsa-miR-3616-5p	MS00023023
E12	hsa-miR-4288	MS00021385
E13	hsa-miR-4273	MS00021280
E14	hsa-miR-4291	MS00021406
E15	hsa-miR-654-5p	MS00005341
E16	hsa-miR-764	MS00017346
E17	hsa-miR-3945	MS00023730
E18	hsa-miR-2117	MS00017269
E19	hsa-miR-4283	MS00021350
E20	hsa-miR-3186-3p	MS00020937
E21	hsa-miR-3662	MS00023191
E22	hsa-miR-4311	MS00021546
E23	hsa-miR-3163	MS00020769
E24	hsa-miR-3935	MS00023660
F01	hsa-miR-2276-3p	MS00017276
F02	hsa-miR-514b-3p	MS00021707
F03	hsa-miR-4307	MS00021518
F04	hsa-miR-100-3p	MS00008365
F05	hsa-miR-1255b-5p	MS00014294
F06	hsa-miR-1827	MS00014686
F07	hsa-miR-4328	MS00021665
F08	hsa-miR-3200-5p	MS00022925
F09	hsa-miR-3122	MS00020461
F10	hsa-miR-3654	MS00023142
F11	hsa-miR-1273d	MS00020300
F12	hsa-miR-4282	MS00021343
F13	hsa-miR-374c-5p	MS00023492
F14	hsa-miR-296-3p	MS00009261
F15	hsa-miR-3146	MS00020650
F16	hsa-miR-4280	MS00021329

Position	Mature miRNA ID	miScript Primer Assay Catalog #
F17	hsa-miR-548w	MS00021756
F18	hsa-miR-3147	MS00020657
F19	hsa-miR-887-3p	MS00016415
F20	hsa-miR-3143	MS00020622
F21	hsa-miR-4268	MS00021245
F22	hsa-miR-1911-3p	MS00016478
F23	hsa-miR-519b-3p	MS00004501
F24	hsa-miR-3680-5p	MS00023352
G01	hsa-miR-16-1-3p	MS00008806
G02	hsa-miR-4277	MS00021308
G03	hsa-miR-3917	MS00023569
G04	hsa-miR-668-3p	MS00005411
G05	hsa-miR-3185	MS00020930
G06	hsa-miR-500a-3p	MS00031920
G07	hsa-miR-3926	MS00023625
G08	hsa-miR-892b	MS00010745
G09	hsa-miR-3140-3p	MS00020601
G10	hsa-miR-3611	MS00022981
G11	hsa-miR-3142	MS00020615
G12	hsa-miR-26b-3p	MS00009233
G13	hsa-miR-744-3p	MS00010556
G14	hsa-miR-1914-5p	MS00031535
G15	hsa-miR-1909-5p	MS00016513
G16	hsa-miR-3676-3p	MS00023303
G17	hsa-miR-4302	MS00021483
G18	hsa-miR-338-5p	MS00009478
G19	hsa-miR-339-3p	MS00009485
G20	hsa-miR-2114-3p	MS00017227
G21	hsa-miR-4286	MS00021371
G22	hsa-miR-3618	MS00023037
G23	hsa-miR-3683	MS00023380
G24	hsa-miR-4314	MS00021567
H01	hsa-miR-3132	MS00020545
H02	hsa-miR-520a-5p	MS00007098
H03	hsa-miR-1910-5p	MS00016464
H04	hsa-miR-3679-3p	MS00023331
H05	hsa-miR-3658	MS00023163
H06	hsa-miR-3915	MS00023555
H07	hsa-miR-3688-3p	MS00023415
H08	hsa-miR-4253	MS00021140
H09	hsa-miR-4301	MS00021476
H10	hsa-miR-3158-3p	MS00020734
H11	hsa-miR-3202	MS00021084
H12	hsa-miR-3127-5p	MS00020503
H13	hsa-miR-449c-3p	MS00017297
H14	hsa-miR-214-5p	MS00009093
H15	hsa-miR-3942-5p	MS00023709
H16	hsa-miR-3691-5p	MS00023457
H17	hsa-miR-3934-5p	MS00023653
H18	hsa-miR-4257	MS00021168
H19	hsa-miR-3672	MS00023268
H20	hsa-miR-125a-3p	MS00008554
H21	hsa-miR-3651	MS00023121
H22	hsa-miR-2116-5p	MS00031598
H23	hsa-miR-507	MS00031934
H24	hsa-miR-2909	MS00020384
I01	hsa-miR-2113	MS00016814
I02	hsa-miR-3622b-3p	MS00023079
I03	hsa-miR-4289	MS00021392
I04	hsa-miR-3687	MS00023408
I05	hsa-miR-1261	MS00014336
I06	hsa-miR-4305	MS00021504
I07	hsa-miR-3692-3p	MS00023471
I08	hsa-miR-941	MS00010878
I09	hsa-miR-2052	MS00016737
I10	hsa-miR-199b-5p	MS00003731
I11	hsa-miR-3130-3p	MS00020524
I12	hsa-miR-23c	MS00022897
I13	hsa-miR-3119	MS00020440
I14	hsa-miR-4272	MS00021273
I15	hsa-miR-3200-3p	MS00021070
I16	hsa-miR-378c	MS00021119

Position	Mature miRNA ID	miScript Primer Assay Catalog #
I17	hsa-miR-3168	MS00020804
I18	hsa-miR-107	MS00031255
I19	hsa-miR-330-5p	MS00009450
I20	hsa-miR-181c-3p	MS00008848
I21	hsa-miR-3647-3p	MS00031794
I22	hsa-miR-3939	MS00023688
I23	hsa-miR-2115-3p	MS00017241
I24	hsa-miR-3117-3p	MS00020426
J01	hsa-miR-130a-5p	MS00008603
J02	hsa-miR-934	MS00010829
J03	hsa-miR-3622a-5p	MS00023072
J04	hsa-miR-302f	MS00014700
J05	hsa-miR-200b-3p	MS00009016
J06	hsa-miR-3201	MS00021077
J07	hsa-miR-3922-3p	MS00023604
J08	hsa-miR-92b-3p	MS00032144
J09	hsa-miR-3605-5p	MS00022939
J10	hsa-miR-3909	MS00023513
J11	hsa-miR-550a-5p	MS00023814
J12	hsa-miR-4310	MS00021539
J13	hsa-miR-586	MS00010248
J14	hsa-miR-598-3p	MS00010290
J15	hsa-miR-3914	MS00023548
J16	hsa-miR-3678-3p	MS00023317
J17	hsa-miR-525-5p	MS00004557
J18	hsa-miR-4319	MS00021602
J19	hsa-miR-3679-5p	MS00023338
J20	hsa-miR-4300	MS00021469
J21	hsa-miR-517-5p	MS00007056
J22	hsa-miR-4265	MS00021224
J23	hsa-miR-3150b-3p	MS00022904
J24	hsa-miR-3661	MS00023184
K01	hsa-miR-2116-3p	MS00017255
K02	hsa-miR-1293	MS00014539
K03	hsa-miR-921	MS00010766
K04	hsa-miR-4279	MS00021322
K05	hsa-miR-4303	MS00021490
K06	hsa-miR-3126-3p	MS00020489
K07	hsa-miR-3176	MS00020860
K08	hsa-miR-676-5p	MS00023842
K09	hsa-miR-3167	MS00020797
K10	hsa-miR-3166	MS00020790
K11	hsa-miR-3927-3p	MS00023632
K12	hsa-miR-3126-5p	MS00020496
K13	hsa-miR-3184-5p	MS00020923
K14	hsa-miR-3065-5p	MS00020398
K15	hsa-miR-550b-3p	MS00023821
K16	hsa-miR-3617-5p	MS00023030
K17	hsa-miR-3649	MS00023107
K18	hsa-miR-3647-5p	MS00023100
K19	hsa-miR-3650	MS00023114
K20	hsa-miR-4290	MS00021399
K21	hsa-miR-3161	MS00020755
K22	hsa-miR-642a-5p	MS00023828
K23	hsa-miR-3128	MS00020510
K24	hsa-miR-4267	MS00021238
L01	hsa-miR-4299	MS00021462
L02	hsa-miR-582-3p	MS00010234
L03	hsa-miR-877-3p	MS00010654
L04	hsa-miR-3908	MS00023506
L05	hsa-miR-3681-5p	MS00023366
L06	hsa-miR-3139	MS00020594
L07	hsa-miR-3664-5p	MS00023212
L08	hsa-miR-101-5p	MS00008379
L09	hsa-miR-616-3p	MS00010339
L10	hsa-miR-550a-3p	MS00023807
L11	hsa-miR-3121-3p	MS00020454
L12	hsa-miR-1914-3p	MS00016548
L13	hsa-miR-3135a	MS00020566
L14	hsa-miR-514b-5p	MS00021714
L15	hsa-miR-3652	MS00023128
L16	hsa-miR-3714	MS00023485

Position	Mature miRNA ID	miScript Primer Assay Catalog #
L17	hsa-miR-3186-5p	MS00020944
L18	hsa-miR-4306	MS00021511
L19	hsa-miR-3125	MS00020482
L20	hsa-miR-4251	MS00021126
L21	hsa-miR-449c-5p	MS00017304
L22	hsa-miR-890	MS00010717
L23	hsa-miR-4258	MS00021175
L24	hsa-miR-761	MS00017339
M01	hsa-miR-4309	MS00021532
M02	hsa-miR-3177-3p	MS00020867
M03	hsa-miR-3668	MS00023240
M04	hsa-miR-4323	MS00021630
M05	hsa-miR-3660	MS00023177
M06	hsa-miR-3156-5p	MS00020720
M07	hsa-miR-4275	MS00021294
M08	hsa-miR-3074-3p	MS00020405
M09	hsa-miR-3920	MS00023590
M10	hsa-miR-4296	MS00021441
M11	hsa-miR-4263	MS00021210
M12	hsa-miR-876-5p	MS00010640
M13	hsa-miR-3675-3p	MS00023289
M14	hsa-miR-3170	MS00020818
M15	hsa-miR-759	MS00017332
M16	hsa-miR-204-5p	MS00003773
M17	hsa-miR-3171	MS00020825
M18	hsa-miR-1911-5p	MS00016534
M19	hsa-miR-4330	MS00021679
M20	hsa-miR-3653	MS00023135
M21	hsa-miR-3134	MS00020559
M22	hsa-miR-3115	MS00020412
M23	hsa-let-7e-3p	MS00008316
M24	hsa-miR-4287	MS00021378
N01	hsa-miR-517b-3p	MS00004459
N02	hsa-miR-517c-3p	MS00009954
N03	hsa-miR-17-5p	MS00029274
N04	hsa-miR-199b-3p	MS00007602
N05	hsa-miR-374b-5p	MS00009618
N06	hsa-miR-516b-3p	MS00009933
N07	hsa-miR-520f-3p	MS00007413
N08	hsa-miR-3155a	MS00020713
N09	hsa-miR-548p	MS00042413
N10	hsa-miR-3689e	MS00023429
N11	hsa-miR-1234-3p	MS00044555
N12	hsa-miR-1268b	MS00020286
N13	hsa-miR-1292-5p	MS00044954
N14	hsa-miR-1470	MS00044961
N15	hsa-miR-1915-3p	MS00044604
N16	hsa-miR-2053	MS00044569
N17	hsa-miR-520g-3p	MS00044926
N18	hsa-miR-548f-3p	MS00014742
N19	hsa-miR-611	MS00044597
N20	hsa-miR-671-5p	MS00044933
N21	hsa-miR-711	MS00017325
N22	hsa-miR-933	MS00044940
N23	hsa-miR-939-5p	MS00044947
N24	hsa-miR-3169	MS00044968
O01	hsa-miR-3195	MS00044975
O02	hsa-miR-4269	MS00044982
O03	hsa-miR-4270	MS00021259
O04	hsa-miR-4292	MS00021413
O05	hsa-miR-4322	MS00044576
O06	hsa-miR-500a-5p	MS00021693
O07	hsa-miR-3665	MS00043736
O08	hsa-miR-3937	MS00023674
O09	hsa-miR-219b-5p	MS00045031
O10	hsa-miR-3162-3p	MS00045017
O11	hsa-miR-3942-3p	MS00045024
O12	hsa-miR-4462	MS00044989
O13	hsa-miR-4463	MS00044996
O14	hsa-miR-4472	MS00044583
O15	hsa-miR-4498	MS00045003
O16	hsa-miR-4524a-5p	MS00045010

Position	Mature miRNA ID	miScript Primer Assay Catalog #
O17	hsa-miR-4634	MS00043771
O18	hsa-miR-4635	MS00044688
O19	hsa-miR-4669	MS00045038
O20	hsa-miR-4674	MS00045045
O21	hsa-miR-4687-3p	MS00043764
O22	hsa-miR-4707-5p	MS00045052
O23	hsa-miR-4745-5p	MS00045059
O24	hsa-miR-4758-5p	MS00045066
P01	hsa-miR-4763-3p	MS00043750
P02	hsa-miR-4782-3p	MS00045073
P03	hsa-miR-4784	MS00045080
P04	hsa-miR-4792	MS00045087
P05	hsa-miR-1307-5p	MS00044611
P06	hsa-miR-5001-5p	MS00045094
P07	hsa-miR-5195-3p	MS00045108
P08	hsa-miR-5197-3p	MS00044590
P09	hsa-miR-5481-3p	MS00045101
P10	hsa-miR-548aq-3p	MS00045122
P11	hsa-miR-548a-5p	MS00045129
P12	hsa-miR-5572	MS00045115
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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