

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

Human miFinder 384HC

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-3001ZE
G	Roche® LightCycler® 480 (384-well block)	384 well	331223 MIHS-3001ZG

Contents

miScript miRNA PCR Arrays Formats E and G consist of 4 PCR array plates provided with 4 Optical Adhesive Films.

Description

The Human miFinder 384HC miScript miRNA PCR Array profiles the expression of the 372 most abundantly expressed and best characterized miRNAs in miRBase (www.miRBase.org). Each of these miRNAs can regulate one or more messenger RNA transcripts, and conversely a given mRNA can be regulated by one or more miRNAs. Therefore, although they are well-characterized, the complex role played by each miRNA is yet to be completely defined. This array maximizes the likelihood of discovering miRNAs whose expression patterns correlate with the biological phenotypes under study. A set of controls present on this array enables data analysis using the $\Delta\Delta CT$ method of relative quantification, assessment of reverse transcription performance, and assessment of PCR performance. Using SYBR Green-based real-time PCR, the expression of 372 highly researched miRNAs can be easily and reliably analyzed with this miScript miRNA PCR Array.

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-let-7a-5p	MS00031220
A02	hsa-let-7b-5p	MS00003122
A03	hsa-let-7c	MS00003129
A04	hsa-let-7d-5p	MS00003136
A05	hsa-let-7d-3p	MS00008302
A06	hsa-let-7e-5p	MS00031227
A07	hsa-let-7f-5p	MS00006489
A08	hsa-let-7g-5p	MS00008337
A09	hsa-let-7g-3p	MS00008344
A10	hsa-let-7i-5p	MS00003157
A11	hsa-miR-1	MS00008358
A12	hsa-miR-100-5p	MS00031234
A13	hsa-miR-101-3p	MS00008372
A14	hsa-miR-101-5p	MS00008379
A15	hsa-miR-103a-3p	MS00031241
A16	hsa-miR-105-5p	MS00031248
A17	hsa-miR-106a-3p	MS00008393
A18	hsa-miR-106b-5p	MS00003402
A19	hsa-miR-106b-3p	MS00008400
A20	hsa-miR-107	MS00031255
A21	hsa-miR-10a-5p	MS00031262
A22	hsa-miR-10a-3p	MS00008407
A23	hsa-miR-10b-5p	MS00031269
A24	hsa-miR-10b-3p	MS00008421
B01	hsa-miR-1180	MS00031276
B02	hsa-miR-1207-5p	MS00014189
B03	hsa-miR-122-5p	MS00003416
B04	hsa-miR-122-3p	MS00008428
B05	hsa-miR-1224-3p	MS00008435
B06	hsa-miR-1224-5p	MS00008442
B07	hsa-miR-124-3p	MS00006622
B08	hsa-miR-124-5p	MS00008547
B09	hsa-miR-125a-3p	MS00008554
B10	hsa-miR-125a-5p	MS00003423
B11	hsa-miR-125b-5p	MS00006629
B12	hsa-miR-126-3p	MS00003430
B13	hsa-miR-126-5p	MS00006636
B14	hsa-miR-1265	MS00014364
B15	hsa-miR-127-3p	MS00003437
B16	hsa-miR-127-5p	MS00008575
B17	hsa-miR-128	MS00008582
B18	hsa-miR-1284	MS00031360
B19	hsa-miR-129-1-3p	MS00008589
B20	hsa-miR-1290	MS00014518
B21	hsa-miR-129-2-3p	MS00008596
B22	hsa-miR-129-5p	MS00006643
B23	hsa-miR-130a-3p	MS00003444
B24	hsa-miR-130b-3p	MS00003451
C01	hsa-miR-132-3p	MS00003458
C02	hsa-miR-132-5p	MS00031409
C03	hsa-miR-1324	MS00014665
C04	hsa-miR-133a	MS00031423
C05	hsa-miR-133b	MS00031430
C06	hsa-miR-134	MS00031437
C07	hsa-miR-135a-5p	MS00008624
C08	hsa-miR-135b-5p	MS00003472
C09	hsa-miR-136-5p	MS00003479
C10	hsa-miR-137	MS00003486
C11	hsa-miR-138-5p	MS00006657
C12	hsa-miR-139-3p	MS00008666
C13	hsa-miR-139-5p	MS00003493
C14	hsa-miR-140-3p	MS00008673
C15	hsa-miR-140-5p	MS00003500
C16	hsa-miR-141-3p	MS00003507

Position	Mature miRNA ID	miScript Primer Assay Catalog #
C17	hsa-miR-142-3p	MS00031451
C18	hsa-miR-142-5p	MS00006671
C19	hsa-miR-143-3p	MS00003514
C20	hsa-miR-143-5p	MS00008687
C21	hsa-miR-144-3p	MS00020328
C22	hsa-miR-144-5p	MS00008701
C23	hsa-miR-145-5p	MS00003528
C24	hsa-miR-145-3p	MS00008708
D01	hsa-miR-146a-5p	MS00003535
D02	hsa-miR-146b-5p	MS00003542
D03	hsa-miR-147a	MS00003549
D04	hsa-miR-148a-3p	MS00003556
D05	hsa-miR-148b-3p	MS00031458
D06	hsa-miR-149-5p	MS00003570
D07	hsa-miR-150-5p	MS00003577
D08	hsa-miR-151a-3p	MS00007665
D09	hsa-miR-151a-5p	MS00008764
D10	hsa-miR-152	MS00003591
D11	hsa-miR-153	MS00008771
D12	hsa-miR-154-5p	MS00003598
D13	hsa-miR-155-5p	MS00031486
D14	hsa-miR-155-3p	MS00008778
D15	hsa-miR-15a-5p	MS00003178
D16	hsa-miR-15b-5p	MS00008792
D17	hsa-miR-15b-3p	MS00008799
D18	hsa-miR-16-5p	MS00031493
D19	hsa-miR-17-5p	MS00029274
D20	hsa-miR-181a-5p	MS00008827
D21	hsa-miR-181a-3p	MS00006692
D22	hsa-miR-181b-5p	MS00006699
D23	hsa-miR-181c-5p	MS00008841
D24	hsa-miR-181c-3p	MS00008848
E01	hsa-miR-181d	MS00031500
E02	hsa-miR-182-5p	MS00008855
E03	hsa-miR-182-3p	MS00008862
E04	hsa-miR-183-5p	MS00031507
E05	hsa-miR-183-3p	MS00008869
E06	hsa-miR-184	MS00003640
E07	hsa-miR-185-5p	MS00003647
E08	hsa-miR-186-5p	MS00003654
E09	hsa-miR-186-3p	MS00008883
E10	hsa-miR-187-3p	MS00003661
E11	hsa-miR-187-5p	MS00008890
E12	hsa-miR-18a-5p	MS00031514
E13	hsa-miR-18a-3p	MS00006538
E14	hsa-miR-18b-5p	MS00031521
E15	hsa-miR-18b-3p	MS00008904
E16	hsa-miR-190a	MS00008911
E17	hsa-miR-1908	MS00016527
E18	hsa-miR-191-5p	MS00003682
E19	hsa-miR-191-3p	MS00031528
E20	hsa-miR-1914-3p	MS00016548
E21	hsa-miR-192-5p	MS00003689
E22	hsa-miR-192-3p	MS00008925
E23	hsa-miR-193a-3p	MS00031542
E24	hsa-miR-193a-5p	MS00008932
F01	hsa-miR-193b-3p	MS00031549
F02	hsa-miR-193b-5p	MS00008939
F03	hsa-miR-194-5p	MS00006727
F04	hsa-miR-195-5p	MS00003703
F05	hsa-miR-195-3p	MS00008953
F06	hsa-miR-196a-5p	MS00031563
F07	hsa-miR-196a-3p	MS00008960
F08	hsa-miR-196b-5p	MS00031570
F09	hsa-miR-197-3p	MS00008967
F10	hsa-miR-199a-3p	MS00007602
F11	hsa-miR-199a-5p	MS00006741
F12	hsa-miR-199b-5p	MS00003731
F13	hsa-miR-19a-3p	MS00003192
F14	hsa-miR-19a-5p	MS00008988
F15	hsa-miR-19b-3p	MS00031584
F16	hsa-miR-200a-3p	MS00003738

Position	Mature miRNA ID	miScript Primer Assay Catalog #
F17	hsa-miR-200a-5p	MS00009009
F18	hsa-miR-200b-3p	MS00009016
F19	hsa-miR-200c-3p	MS00003752
F20	hsa-miR-200c-5p	MS00009030
F21	hsa-miR-202-3p	MS00009037
F22	hsa-miR-203a	MS00003766
F23	hsa-miR-204-5p	MS00003773
F24	hsa-miR-205-5p	MS00003780
G01	hsa-miR-205-3p	MS00016793
G02	hsa-miR-206	MS00003787
G03	hsa-miR-208a	MS00003794
G04	hsa-miR-208b	MS00009058
G05	hsa-miR-20a-5p	MS00003199
G06	hsa-miR-20a-3p	MS00009065
G07	hsa-miR-20b-5p	MS00003206
G08	hsa-miR-20b-3p	MS00009072
G09	hsa-miR-21-5p	MS00009079
G10	hsa-miR-21-3p	MS00009086
G11	hsa-miR-210	MS00003801
G12	hsa-miR-211-5p	MS00003808
G13	hsa-miR-212-3p	MS00003815
G14	hsa-miR-214-3p	MS00031605
G15	hsa-miR-215	MS00003829
G16	hsa-miR-216a-5p	MS00009100
G17	hsa-miR-217	MS00003843
G18	hsa-miR-218-5p	MS00006769
G19	hsa-miR-218-1-3p	MS00031612
G20	hsa-miR-219-5p	MS00006776
G21	hsa-miR-22-3p	MS00003220
G22	hsa-miR-22-5p	MS00009142
G23	hsa-miR-221-3p	MS00003857
G24	hsa-miR-221-5p	MS00009170
H01	hsa-miR-222-3p	MS00007609
H02	hsa-miR-222-5p	MS00009177
H03	hsa-miR-223-3p	MS00003871
H04	hsa-miR-223-5p	MS00009184
H05	hsa-miR-224-5p	MS00003878
H06	hsa-miR-224-3p	MS00031626
H07	hsa-miR-23a-3p	MS00031633
H08	hsa-miR-23a-5p	MS00031640
H09	hsa-miR-23b-3p	MS00031647
H10	hsa-miR-23b-5p	MS00031654
H11	hsa-miR-24-3p	MS00006552
H12	hsa-miR-25-3p	MS00003227
H13	hsa-miR-25-5p	MS00009212
H14	hsa-miR-26a-5p	MS00029239
H15	hsa-miR-26b-5p	MS00003234
H16	hsa-miR-27a-3p	MS00003241
H17	hsa-miR-27a-5p	MS00009240
H18	hsa-miR-27b-3p	MS00031668
H19	hsa-miR-27b-5p	MS00009247
H20	hsa-miR-28-3p	MS00009254
H21	hsa-miR-28-5p	MS00003255
H22	hsa-miR-296-3p	MS00009261
H23	hsa-miR-298	MS00009275
H24	hsa-miR-299-5p	MS00006790
I01	hsa-miR-29a-3p	MS00003262
I02	hsa-miR-29a-5p	MS00009282
I03	hsa-miR-29b-3p	MS00006566
I04	hsa-miR-29b-2-5p	MS00009296
I05	hsa-miR-29c-3p	MS00003269
I06	hsa-miR-300	MS00031689
I07	hsa-miR-301a-3p	MS00009317
I08	hsa-miR-302a-3p	MS00009331
I09	hsa-miR-302a-5p	MS00009338
I10	hsa-miR-302b-3p	MS00003906
I11	hsa-miR-302b-5p	MS00007644
I12	hsa-miR-302c-3p	MS00003913
I13	hsa-miR-30a-5p	MS00007350
I14	hsa-miR-30b-5p	MS00003276
I15	hsa-miR-30c-5p	MS00009366
I16	hsa-miR-30c-1-3p	MS00009373

Position	Mature miRNA ID	miScript Primer Assay Catalog #
I17	hsa-miR-30d-5p	MS00009387
I18	hsa-miR-30d-3p	MS00009394
I19	hsa-miR-30e-5p	MS00009401
I20	hsa-miR-30e-3p	MS00009408
I21	hsa-miR-31-5p	MS00003290
I22	hsa-miR-31-3p	MS00009415
I23	hsa-miR-32-5p	MS00003297
I24	hsa-miR-32-3p	MS00021063
J01	hsa-miR-320a	MS00014707
J02	hsa-miR-320b	MS00031703
J03	hsa-miR-323b-5p	MS00021105
J04	hsa-miR-324-3p	MS00007672
J05	hsa-miR-324-5p	MS00006825
J06	hsa-miR-325	MS00003941
J07	hsa-miR-326	MS00003948
J08	hsa-miR-328	MS00031731
J09	hsa-miR-330-3p	MS00031738
J10	hsa-miR-331-5p	MS00031745
J11	hsa-miR-335-5p	MS00003976
J12	hsa-miR-335-3p	MS00009464
J13	hsa-miR-337-5p	MS00031752
J14	hsa-miR-338-3p	MS00003990
J15	hsa-miR-338-5p	MS00009478
J16	hsa-miR-339-3p	MS00009485
J17	hsa-miR-33a-5p	MS00003304
J18	hsa-miR-33a-3p	MS00009492
J19	hsa-miR-33b-5p	MS00007819
J20	hsa-miR-340-5p	MS00031759
J21	hsa-miR-340-3p	MS00004004
J22	hsa-miR-342-3p	MS00004011
J23	hsa-miR-342-5p	MS00009520
J24	hsa-miR-345-5p	MS00031766
K01	hsa-miR-346	MS00031773
K02	hsa-miR-34a-5p	MS00003318
K03	hsa-miR-34a-3p	MS00009534
K04	hsa-miR-34b-3p	MS00008190
K05	hsa-miR-34b-5p	MS00031780
K06	hsa-miR-34c-3p	MS00009548
K07	hsa-miR-34c-5p	MS00003332
K08	hsa-miR-361-5p	MS00004032
K09	hsa-miR-363-3p	MS00009576
K10	hsa-miR-363-5p	MS00006839
K11	hsa-miR-365a-3p	MS00031801
K12	hsa-miR-370	MS00004053
K13	hsa-miR-372	MS00004067
K14	hsa-miR-373-3p	MS00031815
K15	hsa-miR-373-5p	MS00031822
K16	hsa-miR-374a-5p	MS00009604
K17	hsa-miR-374b-5p	MS00009618
K18	hsa-miR-375	MS00031829
K19	hsa-miR-376a-3p	MS00007392
K20	hsa-miR-376b-3p	MS00007399
K21	hsa-miR-376c-3p	MS00004046
K22	hsa-miR-377-3p	MS00004095
K23	hsa-miR-377-5p	MS00009639
K24	hsa-miR-378a-3p	MS00006909
L01	hsa-miR-378a-5p	MS00009646
L02	hsa-miR-379-5p	MS00009653
L03	hsa-miR-381-3p	MS00004116
L04	hsa-miR-382-5p	MS00031836
L05	hsa-miR-383	MS00004130
L06	hsa-miR-409-3p	MS00006895
L07	hsa-miR-410	MS00004144
L08	hsa-miR-411-5p	MS00004151
L09	hsa-miR-421	MS00004165
L10	hsa-miR-423-3p	MS00004179
L11	hsa-miR-423-5p	MS00009681
L12	hsa-miR-424-5p	MS00004186
L13	hsa-miR-424-3p	MS00009688
L14	hsa-miR-425-5p	MS00009695
L15	hsa-miR-425-3p	MS00006916
L16	hsa-miR-4258	MS00021175

Position	Mature miRNA ID	miScript Primer Assay Catalog #
L17	hsa-miR-429	MS00004193
L18	hsa-miR-431-5p	MS00004200
L19	hsa-miR-432-5p	MS00031850
L20	hsa-miR-433	MS00004214
L21	hsa-miR-449a	MS00004228
L22	hsa-miR-451a	MS00004242
L23	hsa-miR-454-3p	MS00007861
L24	hsa-miR-455-5p	MS00031878
M01	hsa-miR-483-5p	MS00009758
M02	hsa-miR-484	MS00004277
M03	hsa-miR-485-5p	MS00006972
M04	hsa-miR-486-3p	MS00031892
M05	hsa-miR-486-5p	MS00004284
M06	hsa-miR-488-3p	MS00009772
M07	hsa-miR-489	MS00007700
M08	hsa-miR-490-3p	MS00004319
M09	hsa-miR-491-5p	MS00031899
M10	hsa-miR-493-3p	MS00006979
M11	hsa-miR-495-3p	MS00004347
M12	hsa-miR-497-5p	MS00004361
M13	hsa-miR-498	MS00004368
M14	hsa-miR-499a-3p	MS00031913
M15	hsa-miR-499a-5p	MS00004375
M16	hsa-miR-500a-5p	MS00023751
M17	hsa-miR-504	MS00004410
M18	hsa-miR-505-3p	MS00004417
M19	hsa-miR-506-3p	MS00009856
M20	hsa-miR-508-5p	MS00009870
M21	hsa-miR-509-3p	MS00009884
M22	hsa-miR-511	MS00006993
M23	hsa-miR-512-5p	MS00031941
M24	hsa-miR-513a-5p	MS00009912
N01	hsa-miR-514a-3p	MS00031948
N02	hsa-miR-517a-3p	MS00004459
N03	hsa-miR-518b	MS00004466
N04	hsa-miR-519d	MS00004508
N05	hsa-miR-520c-3p	MS00007413
N06	hsa-miR-520g	MS00031955
N07	hsa-miR-522-3p	MS00007756
N08	hsa-miR-524-5p	MS00031969
N09	hsa-miR-532-5p	MS00004571
N10	hsa-miR-539-5p	MS00004578
N11	hsa-miR-542-3p	MS00010073
N12	hsa-miR-542-5p	MS00007147
N13	hsa-miR-549a	MS00004613
N14	hsa-miR-551b-3p	MS00004627
N15	hsa-miR-567	MS00004739
N16	hsa-miR-570-3p	MS00007791
N17	hsa-miR-574-3p	MS00032025
N18	hsa-miR-575	MS00004795
N19	hsa-miR-580	MS00010227
N20	hsa-miR-581	MS00004837
N21	hsa-miR-583	MS00004851
N22	hsa-miR-588	MS00004886
N23	hsa-miR-589-3p	MS00010262
N24	hsa-miR-600	MS00004963
O01	hsa-miR-605	MS00004998
O02	hsa-miR-606	MS00005005
O03	hsa-miR-608	MS00005019
O04	hsa-miR-622	MS00005117
O05	hsa-miR-626	MS00010374
O06	hsa-miR-639	MS00032060
O07	hsa-miR-643	MS00005264
O08	hsa-miR-649	MS00005306
O09	hsa-miR-652-3p	MS00010451
O10	hsa-miR-661	MS00005390
O11	hsa-miR-7-5p	MS00032116
O12	hsa-miR-708-5p	MS00010521
O13	hsa-miR-708-3p	MS00010528
O14	hsa-miR-720	MS00014833
O15	hsa-miR-744-5p	MS00010549
O16	hsa-miR-765	MS00021812

Position	Mature miRNA ID	miScript Primer Assay Catalog #
O17	hsa-miR-770-5p	MS00010584
O18	hsa-miR-802	MS00010598
O19	hsa-miR-885-5p	MS00010668
O20	hsa-miR-888-5p	MS00010696
O21	hsa-miR-9-5p	MS00010752
O22	hsa-miR-9-3p	MS00006510
O23	hsa-miR-920	MS00010759
O24	hsa-miR-924	MS00010787
P01	hsa-miR-92a-3p	MS00006594
P02	hsa-miR-92a-1-5p	MS00032130
P03	hsa-miR-92b-3p	MS00032144
P04	hsa-miR-92b-5p	MS00016408
P05	hsa-miR-93-5p	MS00003346
P06	hsa-miR-93-3p	MS00010815
P07	hsa-miR-95	MS00010906
P08	hsa-miR-96-5p	MS00003360
P09	hsa-miR-98-5p	MS00003367
P10	hsa-miR-99a-5p	MS00032158
P11	hsa-miR-99a-3p	MS00010920
P12	hsa-miR-99b-5p	MS00032165
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

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