

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

Human miRBase Profiler HC Plate 7 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 MIHS-3407AE
G	Roche® LightCycler® 480 (384-well block)	384 well	331223 MIHS-3407AG

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-6851-5p	MS00047719
A02	hsa-miR-6852-3p	MS00047740
A03	hsa-miR-6852-5p	MS00047733
A04	hsa-miR-6853-3p	MS00047754
A05	hsa-miR-6853-5p	MS00047747
A06	hsa-miR-6854-3p	MS00047768
A07	hsa-miR-6854-5p	MS00047761
A08	hsa-miR-6855-3p	MS00047782
A09	hsa-miR-6855-5p	MS00047775
A10	hsa-miR-6856-3p	MS00047789
A11	hsa-miR-6857-3p	MS00047803
A12	hsa-miR-6857-5p	MS00047796
A13	hsa-miR-6858-5p	MS00047810
A14	hsa-miR-6859-5p	MS00047817
A15	hsa-miR-6860	MS00047838
A16	hsa-miR-6861-5p	MS00047845
A17	hsa-miR-6862-3p	MS00047859
A18	hsa-miR-6862-5p	MS00047852
A19	hsa-miR-6863	MS00047866
A20	hsa-miR-6864-3p	MS00047880
A21	hsa-miR-6864-5p	MS00047873
A22	hsa-miR-6865-3p	MS00047894
A23	hsa-miR-6865-5p	MS00047887
A24	hsa-miR-6866-3p	MS00047908
B01	hsa-miR-6866-5p	MS00047901
B02	hsa-miR-6867-3p	MS00047922
B03	hsa-miR-6867-5p	MS00047915
B04	hsa-miR-6868-3p	MS00047936
B05	hsa-miR-6868-5p	MS00047929
B06	hsa-miR-6869-3p	MS00047943
B07	hsa-miR-6870-3p	MS00047950
B08	hsa-miR-6871-3p	MS00047964
B09	hsa-miR-6871-5p	MS00047957
B10	hsa-miR-6872-5p	MS00047971
B11	hsa-miR-6873-3p	MS00047985
B12	hsa-miR-6873-5p	MS00047978
B13	hsa-miR-6874-3p	MS00047999
B14	hsa-miR-6874-5p	MS00047992
B15	hsa-miR-6875-3p	MS00048013
B16	hsa-miR-6875-5p	MS00048006
B17	hsa-miR-6876-3p	MS00048027
B18	hsa-miR-6876-5p	MS00048020
B19	hsa-miR-6877-5p	MS00048034
B20	hsa-miR-6878-3p	MS00048048
B21	hsa-miR-6878-5p	MS00048041
B22	hsa-miR-6879-5p	MS00048055
B23	hsa-miR-6880-5p	MS00048062
B24	hsa-miR-6881-3p	MS00048076
C01	hsa-miR-6881-5p	MS00048069
C02	hsa-miR-6882-3p	MS00048090
C03	hsa-miR-6882-5p	MS00048083
C04	hsa-miR-6883-3p	MS00048104
C05	hsa-miR-6883-5p	MS00048097
C06	hsa-miR-6884-3p	MS00048118
C07	hsa-miR-6884-5p	MS00048111
C08	hsa-miR-6885-3p	MS00048132
C09	hsa-miR-6885-5p	MS00048125
C10	hsa-miR-6886-5p	MS00048139
C11	hsa-miR-6887-3p	MS00048153
C12	hsa-miR-6887-5p	MS00048146
C13	hsa-miR-6888-3p	MS00048167
C14	hsa-miR-6888-5p	MS00048160
C15	hsa-miR-6889-3p	MS00048181
C16	hsa-miR-6889-5p	MS00048174

Position	Mature miRNA ID	miScript Primer Assay Catalog #
C17	hsa-miR-6890-3p	MS00048195
C18	hsa-miR-6890-5p	MS00048188
C19	hsa-miR-6891-3p	MS00048209
C20	hsa-miR-6891-5p	MS00048202
C21	hsa-miR-6892-3p	MS00048223
C22	hsa-miR-6892-5p	MS00048216
C23	hsa-miR-6893-3p	MS00048237
C24	hsa-miR-6893-5p	MS00048230
D01	hsa-miR-7107-3p	MS00048244
D02	hsa-miR-7108-3p	MS00048251
D03	hsa-miR-7109-5p	MS00048258
D04	hsa-miR-7110-3p	MS00048265
D05	hsa-miR-7111-3p	MS00048272
D06	hsa-miR-7112-3p	MS00048286
D07	hsa-miR-7112-5p	MS00048279
D08	hsa-miR-7113-3p	MS00048300
D09	hsa-miR-7113-5p	MS00048293
D10	hsa-miR-7114-3p	MS00048314
D11	hsa-miR-7114-5p	MS00048307
D12	hsa-miR-7150	MS00048321
D13	hsa-miR-7151-3p	MS00048335
D14	hsa-miR-7151-5p	MS00048328
D15	hsa-miR-7152-3p	MS00048342
D16	hsa-miR-7153-3p	MS00048356
D17	hsa-miR-7153-5p	MS00048349
D18	hsa-miR-7154-3p	MS00048370
D19	hsa-miR-7154-5p	MS00048363
D20	hsa-miR-7155-3p	MS00048384
D21	hsa-miR-7155-5p	MS00048377
D22	hsa-miR-7156-3p	MS00048398
D23	hsa-miR-7156-5p	MS00048391
D24	hsa-miR-7157-3p	MS00048412
E01	hsa-miR-7157-5p	MS00048405
E02	hsa-miR-7158-3p	MS00048426
E03	hsa-miR-7158-5p	MS00048419
E04	hsa-miR-7159-5p	MS00048433
E05	hsa-miR-7160-3p	MS00048447
E06	hsa-miR-7160-5p	MS00048440
E07	hsa-miR-7161-3p	MS00048461
E08	hsa-miR-7161-5p	MS00048454
E09	hsa-miR-7162-3p	MS00048475
E10	hsa-miR-7162-5p	MS00048468
E11	hsa-miR-7515	MS00048482
E12	hsa-miR-7702	MS00048489
E13	hsa-miR-7703	MS00048496
E14	hsa-miR-7705	MS00048503
E15	hsa-miR-7706	MS00048510
E16	hsa-miR-7843-3p	MS00048524
E17	hsa-miR-7843-5p	MS00048517
E18	hsa-miR-7844-5p	MS00048566
E19	hsa-miR-7845-5p	MS00048573
E20	hsa-miR-7846-3p	MS00048580
E21	hsa-miR-7847-3p	MS00048587
E22	hsa-miR-7848-3p	MS00048594
E23	hsa-miR-7849-3p	MS00048601
E24	hsa-miR-7850-5p	MS00048608
F01	hsa-miR-7851-3p	MS00048615
F02	hsa-miR-7853-5p	MS00048622
F03	hsa-miR-7854-3p	MS00048629
F04	hsa-miR-7856-5p	MS00048636
F05	hsa-miR-7973	MS00048902
F06	hsa-miR-7974	MS00048909
F07	hsa-miR-7975	MS00048916
F08	hsa-miR-7976	MS00048923
F09	hsa-miR-7977	MS00048930
F10	hsa-miR-7978	MS00048937
F11	hsa-miR-8052	MS00048643
F12	hsa-miR-8053	MS00048650
F13	hsa-miR-8054	MS00048657
F14	hsa-miR-8055	MS00048664
F15	hsa-miR-8057	MS00048671
F16	hsa-miR-8058	MS00048678

Position	Mature miRNA ID	miScript Primer Assay Catalog #
F17	hsa-miR-8059	MS00048685
F18	hsa-miR-8060	MS00048692
F19	hsa-miR-8061	MS00048699
F20	hsa-miR-8062	MS00048706
F21	hsa-miR-8063	MS00048713
F22	hsa-miR-8064	MS00048720
F23	hsa-miR-8066	MS00048727
F24	hsa-miR-8067	MS00048734
G01	hsa-miR-8068	MS00048741
G02	hsa-miR-8070	MS00048748
G03	hsa-miR-8071	MS00048755
G04	hsa-miR-8072	MS00048762
G05	hsa-miR-8073	MS00048769
G06	hsa-miR-8074	MS00048776
G07	hsa-miR-8075	MS00048783
G08	hsa-miR-8076	MS00048790
G09	hsa-miR-8077	MS00048797
G10	hsa-miR-8078	MS00048804
G11	hsa-miR-8079	MS00048811
G12	hsa-miR-8080	MS00048818
G13	hsa-miR-8081	MS00048825
G14	hsa-miR-8082	MS00048832
G15	hsa-miR-8083	MS00048839
G16	hsa-miR-8085	MS00048846
G17	hsa-miR-8086	MS00048853
G18	hsa-miR-8087	MS00048860
G19	hsa-miR-8088	MS00048867
G20	hsa-miR-8089	MS00048874
G21	hsa-miR-874-5p	MS00046116
G22	hsa-miR-887-5p	MS00046130
G23	hsa-miR-889-5p	MS00046123
G24	hsa-miR-891a-3p	MS00046109
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Position	Mature miRNA ID	miScript Primer Assay Catalog #
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Position	Mature miRNA ID	miScript Primer Assay Catalog #
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Position	Mature miRNA ID	miScript Primer Assay Catalog #
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O22	blank	
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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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