



REPEAT-FREE™ POSEIDON™ DNA FISH PROBES

Veridex, an innovator in the field of rare cell analysis, introduces Repeat-Free(RF)™ Poseidon™ DNA FISH probes. By combining the advanced performance of Repeat-Free™ Technology with Kreatech Diagnostics proprietary ULS labeling method, new RF Poseidon™ probes offer the next generation of FISH probe performance by eliminating the repeat sequences. With the introduction of these homogeneous probes, the use of Cot-1 or blocking DNA is obsolete.

RF Poseidon™ FISH probes are available in a ready-to-use format eliminating time consuming steps and optimizing workflow. Veridex is committed to providing an ever expanding menu that reflects the latest in scientific innovation as well as customer needs. Feel free to contact us anytime if you are looking for a specific probe you do not find on this list.

RESEARCH USE ONLY - ONCOLOGY PROBES

NOT FOR USE IN DIAGNOSTIC PROCEDURES. THE PERFORMANCE CHARACTERISTICS AND SAFETY AND EFFECTIVENESS HAVE NOT BEEN ESTABLISHED AND ARE NOT APPROVED OR CLEARED BY THE FDA.

ON = 10 test per vial, Ready-to-Use format

Description	Color	Catalog #
ON p53 (17p13) / MPO (17q23) "ISO 17q"	red/green	KI-10002
ON FIP-Chic-PDGFR A (4q12) Del, Break	red/green	KI-10003
ON PDGFR B (5q33) Break	red/green	KI-10004
ON BCR/ABL t(9;22) DC, D-Fusion	red/green	KI-10005
ON BCR/ABL t(9;22) TC, D-Fusion	red/green/blue	KI-10006
ON FIP-Chic-PDGFR A (4q12) TC, Del, Break	red/green/blue	KI-10007
ON BCR/ABL t(9;22) DC, S-Fusion ES	red/green	KI-10008
ON BCR/ABL t(9;22) DC, S-Fusion	red/green	KI-10009
ON p53 (17p13) / SE 17	red/green	KI-10101
ON DLEU (13q14) / 13qter	red/green	KI-10102
ON ATM (11q22) / SE 11	red/green	KI-10103
ON GLI (12q13) / SE 12	red/green	KI-10104
ON 6q21 / SE 6	red/green	KI-10105
ON C-MYC (8q24) / SE 8	red/green	KI-10106
ON DLEU (13q14) / p53 (17p13)	red/green	KI-10107

Description	Color	Catalog #
ON ATM (11q22) / GLI (12q13)	red/green	KI-10108
ON 6q21 / C-MYC (8q24)	red/green	KI-10109
ON hTERC (3q26) / 3q11	red/green	KI-10110
ON p53 (17p13) / ATM (11q22)	red/green	KI-10111
ON MDS 5q- (EGR1 5q31; CSF1 5q33)	red/green	KI-10201
ON MDS 7q- (7q22; 7q35)	red/green	KI-10202
ON MDS 20q- (PTPRT 20q12) / 20q11	red/green	KI-10203
ON EVI t(3;3); inv(3) (3q26) DC, Break	red/green	KI-10204
ON EVI t(3;3); inv(3) (3q26) TC, Break	red/green/blue	KI-10205
ON MDS 5q- (EGR1 5q31; CSF1 5q33) / hTERT (5p15)	red/green/blue	KI-10206
ON MDS 7q- (7q22; 7q35) / SE 7	red/green/blue	KI-10207
ON hTERT (5p15) / EGR1 (5q31)	red/green	KI-10208
ON AML/ETO t(8;21) Fusion	red/green	KI-10301
ON PML/RARA t(15,17) Fusion	red/green	KI-10302
ON MLL (11q23) Break	red/green	KI-10303
ON CBFβ t(16;16); inv(16) Break	red/green	KI-10304
ON TEL/AML t(12;21) Fusion	red/green	KI-10401
ON p16 (9p21) / 9q21	red/green	KI-10402
ON MM 19q13 / 17p13	red/green	KI-10501
ON MM 11q23 / 13q14	red/green	KI-10502
ON MM 1q21 / 8p21	red/green	KI-10503
ON MM 15q22 / 6q21	red/green	KI-10504
ON MM 1q21 / SRD (1p36)	red/green	KI-10507
ON MM 9q34 / 15q22	red/green	KI-10508
ON IGH (14q32) Break	red/green	KI-10601
ON FGFR3/IGH t(4;14) Fusion	red/green	KI-10602
ON MYC/IGH t(8;14) Fusion	red/green	KI-10603
ON BCL1/IGH t(11;14) Fusion	red/green	KI-10604
ON MYEOV/IGH t(11;14) Fusion	red/green	KI-10605
ON BCL2/IGH t(14;18) Fusion	red/green	KI-10606
ON BCL-6 (3q27) Break	red/green	KI-10607
ON MALT (18q21) Break	red/green	KI-10608
ON CCND1 (11q23), Break+	red/green	KI-10609
ON ERBB2, Her-2/neu (17q12) / SE 17	red/green	KI-10701

Description	Color	Catalog #
ON EGFR, Her-1 (7p11) / SE 7	red/green	KI-10702
ON Cervical Cancer (3q26 / 8q24 / SE 7)	red/green/blue	KI-10704
ON MYCN (2p24) / LAF	red/green	KI-10706
ON PPARy (3p25) Break	red/green	KI-10707
ON EWS (22q12) Break	red/green	KI-10708
ON hTERT (5p15) / EGR1 (5q31) (for tissue)	red/green	KI-10709
ON p16 (9p21) / 9q21 (for tissue)	red/green	KI-10710
ON MLL (11q23) / SE 11	red/green	KI-10711
ON SRD (1p36) / SE 1	red/green	KI-10712
ON SYT (18q11) Break	red/green	KI-10713
ON CHOP (12q13) Break +	red/green	KI-10714
ON FUS (16p11) Break +	red/green	KI-10715
ON FKHR (13q14) Break +	red/green	KI-10716
ON MDM2 (12q15) / SE 12	red/green	KI-10717
ON c-MET (7q31) / SE 7 +	red/green	KI-10719
ON AURKA (20q13) / 20q11 +	red/green	KI-10721
ON AUKRB (17p13) / SE 17 +	red/green	KI-10722
ON TOP2A (17q12) / SE 17 +	red/green	Ki-10724
ON p53 (17p13) / SE 17 (for tissue)	red/green	KI-10728
ON IGH (14q32) Break (for tissue)	red/green	KI-10729
ON BCL-6 (3q27) Break (for tissue)	red/green	KI-10730
ON MALT (18q12) Break (for tissue)	red/green	KI-10731
ON CCND1 (11q23), Amp +	red/green	KI-10734
ON TOP2A (17q21) / Her2 (17q12) / SE 17, TC +	red/green/blue	KI-10735
MDM4 (1q32) / SE 1 +	red/green	KI-10736
FGFR1 (8p12), Break +	red/green	KI-10737

Microdeletion Probes

MD = Microdeletion probes 10 test, Ready-to-Use format

Description	Color	Catalog #
MD Miller-Dieker LIS (17p13) / Smith-Magenis RAI (17p11)	red/green	KI-40101
MD DiGeorge "N25" (22q11) / 22qter	red/green	KI-40102
MD DiGeorge Tuple (22q11) / 22qter	red/green	KI-40103
MD DiGeorge T-box1 (22q11) / 22qter	red/green	KI-40104
MD DiGeorge II (10p14) / SE 10	red/green	KI-40105
MD Cri-Du-Chat CTNND (5p15) / 5q31	red/green	KI-40106
MD Wolf-Hirschhorn WHSC1 (4p16) / SE 4	red/green	KI-40107
MD X-Inactivation XIST (Xq13) / SE X	red/green	KI-40108
MD Prader-Willi SNRPN (15q11) / 15q24	red/green	KI-40109
MD Angelman UBE3A (15q11) / 15q24	red/green	KI-40110
MD Williams-Beuren ELN (7q11) / 7q22	red/green	KI-40111
MD Short Stature (Xp22) / SE X	red/green	KI-40112
MD NSD1 (5q35) hTERT (5p15)+	red/green	KI-40113
MD NF1 (17q11)/MPO+	red/green	KI-40114

Prenatal Probes

PN = Prenatal probes 10 test, Ready-to-Use format

PN 13 (13q14)	green	KI-40001
PN 21 (21q22)	red	KI-40002
PN 13/21 (13q14, 21q22)	green/red	KI-40003
SE X/Y (DXZ1, DYZ3)	green/red	KI-20030
PrenatScreen (13/21 X/Y/18)	10 Tests	KI-40005
PrenatScreen (13/21 X/Y/18)	30 Tests	KI-40006
PrenatScreen (13/21 X/Y/18)	50 Tests	KI-40007
PloidyScreen (21/X/Y)	20 Tests	KI-40008
SE 18 (D18Z1) 5x conc	blue	KI-20018-B

+To be launched in 2008

Analyte Specific Reagents

Analytical and performance characteristics are not established.

Sub-Telomeric Probes

ST = Sub-Telomeric probes 5 Test, 5x conc format

Description	Color	Catalog #
ST 1pter	red or green	KI-40201
ST 1qter	red or green	KI-40202
ST 2pter	red or green	KI-40203
ST 2qter	red or green	KI-40204
ST 3pter	red or green	KI-40205
ST 3qter	red or green	KI-40206
ST 4pter	red or green	KI-40207
ST 4qter	red or green	KI-40208
ST 5pter	red or green	KI-40209
ST 5qter	red or green	KI-40210
ST 6pter	red or green	KI-40211
ST 6qter	red or green	KI-40212
ST 7pter	red or green	KI-40213
ST 7qter	red or green	KI-40214
ST 8pter	red or green	KI-40215
ST 8qter	red or green	KI-40216
ST 9pter	red or green	KI-40217
ST 9qter	red or green	KI-40218
ST 10pter	red or green	KI-40219
ST 10qter	red or green	KI-40220
ST 11pter	red or green	KI-40221
ST 11qter	red or green	KI-40222
ST 12pter	red or green	KI-40223
ST 12qter	red or green	KI-40224
ST 13qter	red or green	KI-40225
ST 14qter	red or green	KI-40226
ST 15qter	red or green	KI-40227
ST 16pter	red or green	KI-40228
ST 16qter	red or green	KI-40229
ST 17pter	red or green	KI-40230
ST 17qter	red or green	KI-40231

Sub-Telomeric Probes

ST = Sub-Telomeric probes 5 Test, 5x conc format

Description	Color	Catalog #
ST 18pter	red or green	KI-40232
ST 18qter	red or green	KI-40233
ST 19pter	red or green	KI-40234
ST 19qter	red or green	KI-40235
ST 20pter	red or green	KI-40236
ST 20qter	red or green	KI-40237
ST 21qter	red or green	KI-40238
ST 22qter	red or green	KI-40239
ST XYpter	red or green	KI-40240
ST XYqter	red or green	KI-40241

Add -R for Red, -G for Green

Blue available on request (same price)

Whole Chromosome Probes

WC = Whole Chromosome probes 5 Test, 5x conc format

Description	Color	Catalog #
WC 1	red or green	KI-30001
WC 2	red or green	KI-30002
WC 3	red or green	KI-30003
WC 4	red or green	KI-30004
WC 5	red or green	KI-30005
WC 6	red or green	KI-30006
WC 7	red or green	KI-30007
WC 8	red or green	KI-30008
WC 9	red or green	KI-30009
WC 10	red or green	KI-30010
WC 11	red or green	KI-30011
WC 12	red or green	KI-30012
WC 13	red or green	KI-30013
WC 14	red or green	KI-30014
WC 15	red or green	KI-30015
WC 16	red or green	KI-30016
WC 17	red or green	KI-30017
WC 18	red or green	KI-30018
WC 19	red or green	KI-30019
WC 20	red or green	KI-30020
WC 21	red or green	KI-30021
WC 22	red or green	KI-30022
WC X	red or green	KI-30023
WC Y	red or green	KI-30024

Add -R for Red, -G for Green

Blue available on request (\$300/vial)

CHROMOSOME Satellite Enumeration Probes

SE = Satellite Enumeration probes 10 test, 5x conc format

Description	Color	Catalog #
SE 1 (1qh)	red or green	KI-20001
SE 2 (D2Z)	red or green	KI-20002
SE 3 (D3Z1)	red or green	KI-20003
SE 4 (D4Z1)	red or green	KI-20004
SE 6 (D6Z1)	red or green	KI-20006
SE 7 (D7Z1)	red or green	KI-20007
SE 8 (D8Z2)	red or green	KI-20008
SE 9 (classical)	red or green	KI-20009
SE 10 (D10Z1)	red or green	KI-20010
SE 11 (D11Z1)	red or green	KI-20011
SE 12 (D12Z3)	red or green	KI-20012
SE 15 (D15Z)	red or green	KI-20015
SE 16 (D16Z2)	red or green	KI-20016
SE 17 (D17Z1)	red or green	KI-20017
SE 18 (D18Z1)	red or green	KI-20018
SE 20 (D20Z1)	red or green	KI-20020
SE X (DXZ1)	red or green	KI-20023
SE Y (DYZ3)	red or green	KI-20024
SE Y class. (DYZ1)	red or green	KI-20025
SE 1/5/19	red or green	KI-20026
SE 13/21	red or green	KI-20027
SE 14/22	red or green	KI-20028
SE X (DXZ1) / Y (DYZ3) / SE Y	green/red	KI-20030
SE 7 (D7Z1) / 8 (D8Z1) / SE 8	green/red	KI-20031

Add -R for Red, -G for Green

Blue available on request (same price)

KITS & REAGENTS

Description	Size	Catalog #
POSEIDON Tissue Digestion Kit	50 Test	KI-60001
POSEIDON FISH Reagent Kit	50 Test	KI-60002
POSEIDON FISH Digestion Kit	50 Test	KI-60003
20 X SSC	100 ml	LK-061A
Post-wash Buffer I stock solution	100 ml	LK-062A
Wash Buffer II stock solution	100 ml	LK-063A
Powder pretreatment	80 gr	LK-064A
Counterstain DAPI/Antifade	1 ml	LK-067A
Counterstain DAPI/Antifade 10x conc.	1 ml	LK-093A
Counterstain Diluent	1 ml	LK-066A
Pepsin	250 mg	LK-065A
Pepsin	50 mg	LK-065B
Protease Buffer 2M HCl	100 ml	LK-068A
Protease Buffer 0.1M HCl	100 ml	LK-070A
Rubber Cement, Fixogum	125 ml	LK-071A
FISH Hybridization Buffer (FHB)	100 ul	KI-FHB
Paraffin Tissue Buffer (PTB)	100 ul	KI-PTB
Whole Chromosome Buffer (WCB)	50 ul	KI-WCB
Igepal	5 ml	LK-069A

TECHNICAL SUPPORT

Technical support is available at 1-877-VERIDEX.

CUSTOMER SERVICE

RF Poseidon™ FISH probes may be ordered through Veridex Customer Service toll free (US only) at 1-877-VERIDEX; via e-mail at bscsr2@ocdus.jnj.com.

PATENTS AND TRADEMARKS

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VX10185