

Hematology FISH Probes



Features

- Improve confidence in result interpretation with high intensity signals and minimal background
- Enhance detection and scoring accuracy with robust, easy-to-analyze probes
- Save time and minimize mixing errors with easy-to-use, pre-mixed probes

The OGT Partnership

Behind every sample is a life that can be improved through the right care decisions. The OGT partnership approach is key to providing the highest level of service, working closely with you to understand your unique challenges, customising our approach to meet your exact needs.

Choose CytoCell® probes for your FISH analysis; our effective, accurate and simple to use products enable clinical decision makers to reach the right decisions for each patient, every time.

Hematology Probe Range

The CytoCell hematology range of FISH probes now includes FDA-cleared IVD FISH probe test kits specifically designed to detect chromosomal rearrangements reported in acute myeloid leukemia (AML) and myelodysplastic syndrome (MDS).

Probe Name	Chromosome Region	Supported Diseases	Vol (µl)/Qty	Cat. No.
13q14.3 Deletion	13q14.2-q14.3	-	100	LPH 006-A
AFF1	4q21.3-q22.1	-	50	LPH 507-A
Alpha Satellite 12 <i>Plus</i>	12p11.1-q11.1	-	100	LPH 069-A
IVD AML1/ETO (RUNX1/RUNX1T1) Translocation, Dual Fusion	21q22.1/8q21.3	AML	10 tests	USA-LPH 026*
AML1/ETO (RUNX1/RUNX1T1) Translocation, Dual Fusion	21q22.1/8q21.3	-	100	LPH 026-A [†]
AML1 (RUNX1) Distal Probe Green	21q22.1	-	50	LPH 573-A [§]
AML1 (RUNX1) Proximal Probe Red	21q22.1	-	50	LPH 574-A [§]
AML1 (RUNX1) Breakapart Probe	21q22.1	-	100	LPH 027-A [†]
ATM Deletion	11q22.3	-	100	LPH 011-A
BCL2 <i>Plus</i>	18q21.33	-	50	LPH 518-A
BCL6 Breakapart	3q27.3	-	100	LPH 035-A
BCR/ABL (ABL1) Translocation, Dual Fusion	22q11.22-q11.23/9q34.11-q34.12	-	100	LPH 007-A
BCR/ABL (ABL1) <i>Plus</i> Translocation, Dual Fusion	22q11.22-q11.23/9q34.11-q34.12	-	100	LPH 038-A
IVD CBFβ (CBFB)/MYH11 Translocation, Dual Fusion	16p13.1/16q22	AML	10 tests	USA-LPH 022*

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CBFB (CBFB)/MYH11 Translocation, Dual Fusion	16p13.1/16q22	-	100	LPH 022-A [†]
CBFB Proximal Probe Red	16q22	-	50	LPH 526-A
CBFB Distal Probe Green	16q22	-	50	LPH 527-A
CCND1 <i>Plus</i>	11q13.3	-	50	LPH 519-A
CCND3 <i>Plus</i>	6p21	-	50	LPH 522-A
Centromere 17 Probe Green	17p11.1-q11.1	-	50	LPH 572-A [§]
Chromosome 7 Alpha Satellite Probe Aqua	7p11.1-q11.1	-	33.3	LPH 545-A
Chromosome 9 Satellite III Probe Aqua	9q12	-	33.3	LPH 547-A
Chromosome 15 Alpha Satellite Probe Red	15p11.1-15q11.1	-	33.3	LPH 548-A
CKS1B/CDKN2C (P18) Amplification/Deletion	1p32.3/1q21.3	-	100	LPH 039-A
cMYC (MYC) Breakapart	8q24.21	-	100	LPH 010-A
cMYC (MYC) <i>Plus</i>	8q24.21	-	50	LPH 523-A
CRLF2 Distal	Xp22.33/Yp11.32	-	50	LPH 511-A
CRLF2 Proximal	Xp22.33/Yp11.32	-	50	LPH 512-A
CSF1R/RPS14 (5q32-q33) Probe Red	5q32-q33	-	33.3	LPH 540-A
CUX1 (7q22) Probe Green	7q22	-	33.3	LPH 543-A
D13S25 Deletion	13q14.3	-	100	LPH 043-A
D13S319 <i>Plus</i> Deletion	13q14.2-14.3	-	100	LPH 068-A
DEK Probe Green	6p22.3	-	50	LPH 531-A
IVD Del(5q) Deletion	5p15.3-5q31.2	AML, MDS	10 tests	USA-LPH 024*
IVD Del(7q) Deletion	7q22/7q31.2	AML, MDS	10 tests	USA-LPH 025*
IVD Del(20q) Deletion	20q12/20q13.1	MDS	10 tests	USA-LPH 020*
Del(5q) Deletion	5p15.3-5q31.2	-	100	LPH 024-A [†]
Del(7q) Deletion	7q22/7q31.2	-	100	LPH 025-A [†]
Del(20q) Deletion	20q12/20q13.1	-	100	LPH 020-A [†]
E2A (TCF3) Breakapart	19p13.3	-	100	LPH 019-A
E2A (TCF3)	19p13.3	-	50	LPH 503-A
EGR1/CDC25C (5q31) Probe Green	5q31	-	33.3	LPH 541-A
ETV6 Distal Probe Red	12p13.2	-	50	LPD 502-A

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ETV6 Proximal Probe Green	12p13.2	-	50	LPD 501-A
IVD EVI1 (MECOM) Breakapart	3q26.2	AML, MDS	10 tests	USA-LPH 036*
EVI1 (MECOM) Breakapart	3q26.2	-	100	LPH 036-A [†]
EZH2 (7q36) Probe Red	7q36	-	33.3	LPH 544-A
FGFR3 <i>Plus</i>	4p16.3	-	50	LPH 521-A
FIP1L1/CHIC2/PDGFRΑ Deletion/Fusion	4q12	-	100	LPH 032-A
HLF	17q22	-	50	LPH 505-A
IGH Distal <i>Plus</i>	14q32.3	-	50	LPH 516-A
IGH <i>Plus</i>	14q32.3	-	50	LPH 517-A
IGH Probe Green	14q32.3	-	50	LPH 568-A
IGH Proximal <i>Plus</i>	14q32.3	-	50	LPH 515-A
IGK Breakapart	2p11.2	-	100	LPH 034-A
IGL Breakapart	22q11.21-q11.23	-	100	LPH 033-A
MAF v2 Probe Red	16q23	-	50	LPH 567-A
MAFB <i>Plus</i>	20q12	-	50	LPH 524-A
MECOM Probe Red	3q26.2	-	50	LPH 528-A
IVD MLL (KMT2A) Breakapart	11q23.3	AML, MDS	10 tests	USA-LPH 013*
MLL (KMT2A) Breakapart	11q23.3	-	100	LPH 013-A [†]
MLL (KMT2A) Distal Probe Red	11q23.3	-	50	LPH 570-A [‡]
MLL (KMT2A) Proximal Probe Green	11q23.3	-	50	LPH 569-A [‡]
MLL (KMT2A)	11q23.3	-	50	LPH 506-A
MLLT1	19p13.3	-	50	LPH 508-A
MLLT3	9p21.3	-	50	LPH 509-A
MLLT4	6q27	-	50	LPH 510-A
MPO Probe Red	17q22	-	50	LPD 503-A
MYB Deletion Probe	6q23.3	-	100	LPH 016-A
MYEOV <i>Plus</i>	11q13.3	-	50	LPH 525-A
NUP214 Probe Red	9q34.12-q34.13	-	50	LPH 530-A
NUP98 Proximal Probe Red	11p15.4	-	50	LPH 532-A

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NUP98 Distal Probe Green	11p15.4	-	50	LPH 533-A
P16 (CDKN2A) Deletion	9p21.3	-	100	LPH 009-A
P2RY8 Distal	Xp22.33/Yp11.32	-	50	LPH 513-A
P2RY8 Proximal	Xp22.33/Yp11.32	-	50	LPH 514-A
IVD P53 (TP53) Deletion	17p13	AML, MDS	10 tests	USA-LPH 017*
P53 (TP53) Deletion	17p13	-	100	LPH 017-A [†]
P53 (TP53) Probe Red	17p13	-	50	LPH 571-A [§]
P53 (TP53)/ATM Probe Combination	17p13/11q22.3	-	100	LPH 052-A
PBX1	1q23.3	-	50	LPH 504-A
PDGFRB Breakapart	5q32	-	100	LPH 031-A
FAST PML	15q24.1	-	50	LPH 501-A
FAST RARα (RARA)	17q21.1-q21.2	-	50	LPH 502-A
PML/RARα (RARA) Translocation, Dual Fusion	15q24.1/17q21.1-q21.2	-	100	LPH 023-A
RARα (RARA) Distal	17q21.1-q21.2	-	50	LPH 063-A
RARα (RARA) Proximal	17q21.1-q21.2	-	50	LPH 062-A
RUNX1 Probe Green	21q22.12	-	50	LPH 529-A
TAS2R1 (5p15.31) Probe Green	5p15.31	-	33.3	LPH 546-A
TCL1 Breakapart	14q32.13-q32.2	-	100	LPH 046-A
TCRAD Breakapart	14q11.2	-	100	LPH 047-A
TCRB (TRB) Breakapart	7q34	-	100	LPH 048-A
TEL/AML1 (ETV6/RUNX1) Translocation, Dual Fusion	12p13.2/21q22.1	-	100	LPH 012-A
TERT (5p15.33) Probe Aqua	5p15.33	-	33.3	LPH 542-A
TET2 Probe Red	4q24	-	50	LPH 534-A
TP53 Probe Green	17p13	-	50	LPD 504-A
TLX1 Breakapart	10q24.31	-	100	LPH 049-A
TLX3 Breakapart	5q35.1	-	100	LPH 050-A
USP46 (4q12) Probe Green	4q12	-	50	LPH 535-A

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What binds us, makes us.

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All other CytoCell FISH probes listed above: Analyte Specific Reagent. Analytical and performance characteristics are not established.

