

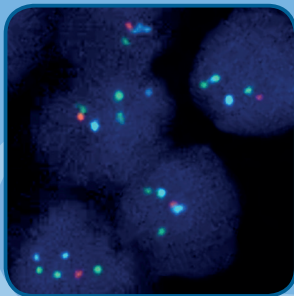
ZytoLight®

Products for FISH analysis

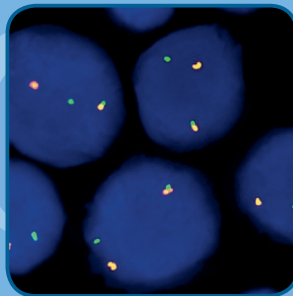


The HEMATOLOGY FISH Probe Pool

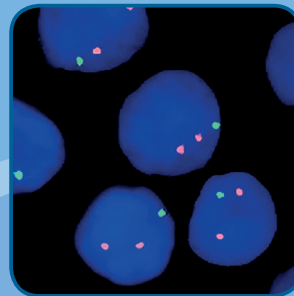
Companion diagnostics of today and tomorrow



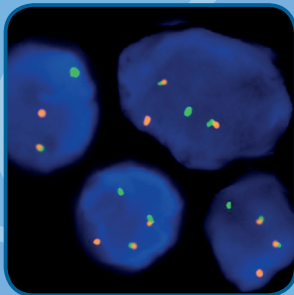
11q gain/loss



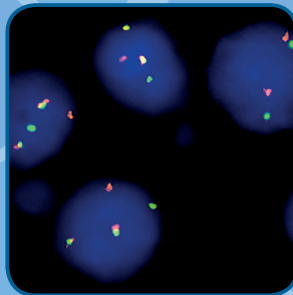
ALK



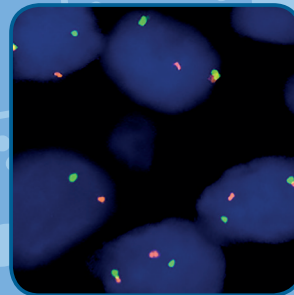
ATM/TP53



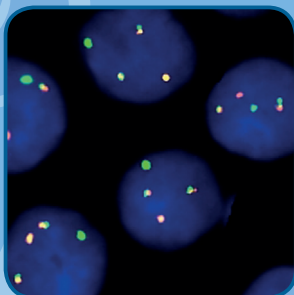
BCL2/IGH



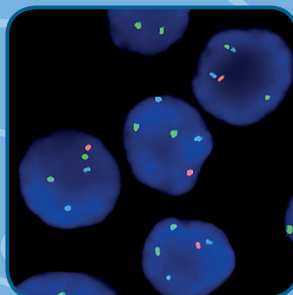
BCL2



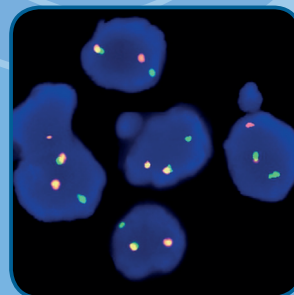
BCL6



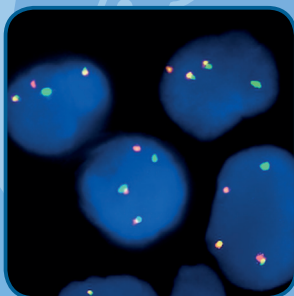
BCR/ABL1



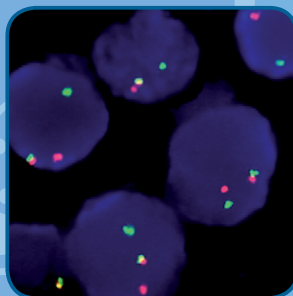
D13S319/13q34/CEN 12



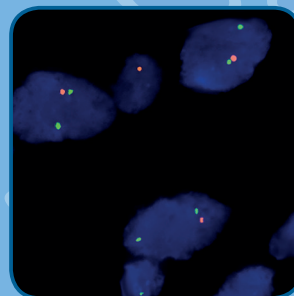
IGH



MYC/IGH



MYC



RB1/13q12

Acute Lymphoblastic Leukemia (ALL)

Prod. No.	Product	Label	Tests* (Volume)
Z-2199-50	ZytoLight SPEC ABL1 Dual Color Break Apart Probe CE IVD	●/●	5 (50 µl)
Z-2200-50	ZytoLight SPEC ABL2 Dual Color Break Apart Probe CE IVD	●/●	5 (50 µl)
Z-2201-50	ZytoLight SPEC CRLF2 Dual Color Break Apart Probe CE IVD	●/●	5 (50 µl)
Z-2202-50	ZytoLight SPEC CSF1R Dual Color Break Apart Probe CE IVD	●/●	5 (50 µl)
Z-2176-50/-200	ZytoLight SPEC ETV6 Dual Color Break Apart Probe CE IVD	●/●	5/20 (50/200 µl)
Z-2157-50/-200	ZytoLight SPEC ETV6/RUNX1 Dual Color Dual Fusion Probe CE IVD	●/●	5/20 (50/200 µl)
Z-2294-50	ZytoLight SPEC JAK2 Dual Color Break Apart Probe CE IVD NEW	●/●	5 (50 µl)
Z-2193-50/-200	ZytoLight SPEC KMT2A Dual Color Break Apart Probe CE IVD ✓	●/●	5/20 (50/200 µl)
Z-2277-50	ZytoLight SPEC MEF2D/BCL9 TriCheck Probe CE IVD	●/●/●	5 (50 µl)
Z-2143-50/200	ZytoLight SPEC MYB Dual Color Break Apart Probe CE IVD	●/●	5/20 (50/200 µl)
Z-2265-50	ZytoLight SPEC NUP214 Dual Color Break Apart Probe CE IVD	●/●	5 (50 µl)
Z-2266-50	ZytoLight SPEC NUP98 Dual Color Break Apart Probe CE IVD	●/●	5 (50 µl)
Z-2209-50	ZytoLight SPEC PDGFRA/FIP1L1 TriCheck Probe CE IVD	●/●/●	5 (50 µl)
Z-2291-50	ZytoLight SPEC SPI1 Dual Color Break Apart Probe CE IVD NEW	●/●	5 (50 µl)
Z-2275-50	ZytoLight SPEC ZNF384 Dual Color Break Apart Probe CE IVD	●/●	5 (50 µl)

Acute Myelogenous Leukemia (AML)

Prod. No.	Product	Label	Tests* (Volume)
Z-2004-50/-200	ZytoLight CEN 8 Probe CE IVD	●	5/20 (50/200 µl)
Z-2200-50	ZytoLight SPEC ABL2 Dual Color Break Apart Probe CE IVD	●/●	5 (50 µl)
Z-2111-50/-200	ZytoLight SPEC BCR/ABL1 Dual Color Dual Fusion Probe CE IVD ✓	●/●	5/20 (50/200 µl)
Z-2207-50	ZytoLight SPEC CFBF Dual Color Break Apart Probe CE IVD ✓	●/●	5 (50 µl)
Z-2267-50	ZytoLight SPEC CREBBP Dual Color Break Apart Probe CE IVD	●/●	5 (50 µl)
Z-2268-50	ZytoLight SPEC CSF1R/D5S23,D5S721 Dual Color Probe CE IVD	●/●	5 (50 µl)
Z-2214-50	ZytoLight SPEC CUX1/EZH2/CEN 7 Triple Color Probe CE IVD	●/●/●	5 (50 µl)
Z-2107-50/-200	ZytoLight SPEC EGR1/5p15 Dual Color Probe CE IVD	●/●	5/20 (50/200 µl)
Z-2211-50	ZytoLight SPEC EGR1/D5S23,D5S721 Dual Color Probe CE IVD	●/●	5 (50 µl)
Z-2168-50/-200	ZytoLight SPEC FGFR1 Dual Color Break Apart Probe CE IVD	●/●	5/20 (50/200 µl)
Z-2287-50	ZytoLight SPEC GATA2/MECOM Dual Color Dual Fusion Probe CE IVD NEW ✓	●/●	5 (50 µl)
Z-2193-50/-200	ZytoLight SPEC KTM2A Dual Color Break Apart Probe CE IVD ✓	●/●	5/20 (50/200 µl)
Z-2265-50	ZytoLight SPEC NUP214 Dual Color Break Apart Probe CE IVD	●/●	5 (50 µl)
Z-2266-50	ZytoLight SPEC NUP98 Dual Color Break Apart Probe CE IVD	●/●	5 (50 µl)
Z-2209-50	ZytoLight SPEC PDGFRA/FIP1L1 TriCheck Probe CE IVD	●/●/●	5 (50 µl)
Z-2197-50	ZytoLight SPEC PDGFRB Dual Color Break Apart Probe CE IVD	●/●	5 (50 µl)
Z-2113-50/-200	ZytoLight SPEC PML/RARA Dual Color Dual Fusion Probe CE IVD ✓	●/●	5/20 (50/200 µl)
Z-2213-50	ZytoLight SPEC PTPRT/20q11 Dual Color Probe CE IVD	●/●	5 (50 µl)
Z-2112-50/-200	ZytoLight SPEC RUNX1/RUNX1T1 Dual Color Dual Fusion Probe CE IVD ✓	●/●	5/20 (50/200 µl)

Chronic Lymphocytic Leukemia (CLL)

Prod. No.	Product	Label	Tests* (Volume)
Z-2297-50	ZytoLight SPEC ATM/CEN 11 Dual Color Probe CE IVD NEW	●/●	5 (50 µl)
Z-2296-50	ZytoLight SPEC ATM/CEN 12 Dual Color Probe CE IVD NEW	●/●	5 (50 µl)
Z-2192-50/-200	ZytoLight SPEC BCL2 Dual Color Break Apart Probe CE IVD	●/●	5/20 (50/200 µl)
Z-2108-50/-200	ZytoLight SPEC CCND1 Dual Color Break Apart Probe CE IVD	●/●	5/20 (50/200 µl)
Z-2071-50/-200	ZytoLight SPEC CCND1/CEN 11 Dual Color Probe CE IVD	●/●	5/20 (50/200 µl)
Z-2280-50	ZytoLight SPEC D13S319/13q34 Dual Color Probe CE IVD	●/●	5 (50 µl)
Z-2160-50/-200	ZytoLight SPEC D13S319/13q34/CEN 12 Triple Color Probe CE IVD	●/●/●	5/20 (50/200 µl)
Z-2281-50	ZytoLight SPEC MYB/CEN 6 Dual Color Probe CE IVD	●/●	5 (50 µl)
Z-2092-50/-200	ZytoLight SPEC MYC/CEN 8 Dual Color Probe CE IVD	●/●	5/20 (50/200 µl)
Z-2165-50/-200	ZytoLight SPEC RB1/13q12 Dual Color Probe CE IVD	●/●	5/20 (50/200 µl)
Z-2159-50/-200	ZytoLight SPEC TP53/ATM Dual Color Probe CE IVD	●/●	5/20 (50/200 µl)
Z-2153-50/-200	ZytoLight SPEC TP53/CEN 17 Dual Color Probe CE IVD	●/●	5/20 (50/200 µl)

Chronic Myelogenous Leukemia (CML)

Prod. No.	Product	Label	Tests* (Volume)
Z-2004-50/-200	ZytoLight CEN 8 Probe CE	●	5/20 (50/200 µl)
Z-2199-50	ZytoLight SPEC ABL1 Dual Color Break Apart Probe CE	●/●	5 (50 µl)
Z-2111-50/-200	ZytoLight SPEC BCR/ABL1 Dual Color Dual Fusion Probe CE	●/●	5/20 (50/200 µl)
Z-2197-50	ZytoLight SPEC PDGFRB Dual Color Break Apart Probe CE	●/●	5 (50 µl)
Z-2198-50	ZytoLight SPEC TP53/17q22 Dual Color Probe CE	●/●	5 (50 µl)

Myelodysplastic Syndrome (MDS)

Prod. No.	Product	Label	Tests* (Volume)
Z-2004-50/-200	ZytoLight CEN 8 Probe CE	●	5/20 (50/200 µl)
Z-2267-50	ZytoLight SPEC CREBBP Dual Color Break Apart Probe CE	●/●	5 (50 µl)
Z-2268-50	ZytoLight SPEC CSF1R/D5S23,D5S721 Dual Color Probe CE	●/●	5 (50 µl)
Z-2214-50	ZytoLight SPEC CUX1/EZH2/CEN 7 Triple Color Probe CE	●/●/●	5 (50 µl)
Z-2107-50/-200	ZytoLight SPEC EGR1/5p15 Dual Color Probe CE	●/●	5/20 (50/200 µl)
Z-2211-50	ZytoLight SPEC EGR1/D5S23,D5S721 Dual Color Probe CE	●/●	5 (50 µl)
Z-2176-50/-200	ZytoLight SPEC ETV6 Dual Color Break Apart Probe CE	●/●	5/20 (50/200 µl)
Z-2265-50	ZytoLight SPEC NUP214 Dual Color Break Apart Probe CE	●/●	5 (50 µl)
Z-2266-50	ZytoLight SPEC NUP98 Dual Color Break Apart Probe CE	●/●	5 (50 µl)
Z-2197-50	ZytoLight SPEC PDGFRB Dual Color Break Apart Probe CE	●/●	5 (50 µl)
Z-2213-50	ZytoLight SPEC PTPRT/20q11 Dual Color Probe CE	●/●	5 (50 µl)
Z-2091-50/-200	ZytoLight SPEC TERT/5q31 Dual Color Probe CE	●/●	5/20 (50/200 µl)

Multiple Myeloma

Prod. No.	Product	Label	Tests* (Volume)
Z-2108-50/-200	ZytoLight SPEC CCND1 Dual Color Break Apart Probe CE	●/●	5/20 (50/200 µl)
Z-2071-50/-200	ZytoLight SPEC CCND1/CEN 11 Dual Color Probe CE	●/●	5/20 (50/200 µl)
Z-2125-50/-200	ZytoLight SPEC CCND1/IGH Dual Color Dual Fusion Probe CE	●/●	5/20 (50/200 µl)
Z-2276-50	ZytoLight SPEC CKS1B/CDKN2C Dual Color Probe CE	●/●	5 (50 µl)
Z-2170-50/-200	ZytoLight SPEC FGFR3 Dual Color Break Apart Probe CE	●/●	5/20 (50/200 µl)
Z-2282-50	ZytoLight SPEC FGFR3/IGH Dual Color Dual Fusion Probe CE	●/●	5 (50 µl)
Z-2110-50/-200	ZytoLight SPEC IGH Dual Color Break Apart Probe CE	●/●	5/20 (50/200 µl)
Z-2270-50	ZytoLight SPEC MAF/IGH Dual Color Dual Fusion Probe CE	●/●	5 (50 µl)
Z-2271-50	ZytoLight SPEC MAFB/IGH Dual Color Dual Fusion Probe CE	●/●	5 (50 µl)
Z-2165-50/-200	ZytoLight SPEC RB1/13q12 Dual Color Probe CE	●/●	5/20 (50/200 µl)
Z-2153-50/-200	ZytoLight SPEC TP53/CEN 17 Dual Color Probe CE	●/●	5/20 (50/200 µl)

Non-Hodgkin Lymphoma, other

Prod. No.	Product	Label	Tests* (Volume)
Z-2216-50	ZytoLight SPEC 11q gain/loss Triple Color Probe CE	●/●/●	5 (50 µl)
Z-2192-50/-200	ZytoLight SPEC BCL2 Dual Color Break Apart Probe CE	●/●	5/20 (50/200 µl)
Z-2174-50	ZytoLight SPEC BCL2/CEN 18 Dual Color Probe CE	●/●	5 (50 µl)
Z-2114-50/-200	ZytoLight SPEC BCL2/IGH Dual Color Dual Fusion Probe CE	●/●	5/20 (50/200 µl)
Z-2177-50/-200	ZytoLight SPEC BCL6 Dual Color Break Apart Probe CE	●/●	5/20 (50/200 µl)
Z-2146-50/-200	ZytoLight SPEC BIRC3/MALT1 Dual Color Dual Fusion Probe CE	●/●	5/20 (50/200 µl)
Z-2108-50/-200	ZytoLight SPEC CCND1 Dual Color Break Apart Probe CE	●/●	5/20 (50/200 µl)
Z-2071-50/-200	ZytoLight SPEC CCND1/CEN 11 Dual Color Probe CE	●/●	5/20 (50/200 µl)
Z-2125-50/-200	ZytoLight SPEC CCND1/IGH Dual Color Dual Fusion Probe CE	●/●	5/20 (50/200 µl)
Z-2170-50/-200	ZytoLight SPEC FGFR3 Dual Color Break Apart Probe CE	●/●	5/20 (50/200 µl)
Z-2110-50/-200	ZytoLight SPEC IGH Dual Color Break Apart Probe CE	●/●	5/20 (50/200 µl)
Z-2288-50	ZytoLight SPEC IGK Dual Color Break Apart Probe CE	●/●	5 (50 µl)
Z-2286-50	ZytoLight SPEC IGL Dual Color Break Apart Probe CE	●/●	5 (50 µl)
Z-2210-50	ZytoLight SPEC IRF4,DUSP22 Dual Color Break Apart Probe CE	●/●	5 (50 µl)
Z-2196-50/-200	ZytoLight SPEC MALT1 Dual Color Break Apart Probe CE	●/●	5/20 (50/200 µl)
Z-2090-50/-200	ZytoLight SPEC MYC Dual Color Break Apart Probe CE	●/●	5/20 (50/200 µl)
Z-2105-50/-200	ZytoLight SPEC MYC/IGH Dual Color Dual Fusion Probe CE	●/●	5/20 (50/200 µl)

Approved for 2 h hybridization, validated on cytologic specimens.

* Using 10 µl probe solution per test. CE only available in certain countries. All other countries research use only! Please contact your local dealer for more information.

ZytoLight® FISH-Cytology Implementation Kit

The ZytoLight® FISH-Cytology Implementation Kit contains all necessary reagents to perform user-friendly and successful FISH experiments on cytology specimens.

- Cytology Pepsin Solution
- Wash Buffer TBS
- MgCl₂
- PBS
- Cytology Stringency Wash Buffer SSC
- Cytology Wash Buffer SSC
- DAPI/DuraTect™-Solution



Prod. No.	Product	Tests*
Z-2099-20	ZytoLight FISH-Cytology Implementation Kit Incl. Cytology Pepsin Solution, 4 ml; 20x Wash Buffer TBS, 50 ml; 10x MgCl ₂ , 50 ml; 10x PBS, 50 ml; Cytology Stringency Wash Buffer SSC, 500 ml; Cytology Wash Buffer SSC, 500 ml; DAPI/DuraTect-Solution, 0.8ml	20
Related Products		
Z-2028-5	ZytoLight FISH-Tissue Implementation Kit Incl. Heat Pretreatment Solution Citric, 150 ml; Pepsin Solution, 1 ml; Wash Buffer SSC, 210 ml; 25x Wash Buffer A, 50 ml; DAPI/DuraTect-Solution, 0.2 ml	5
Z-2028-20	ZytoLight FISH-Tissue Implementation Kit Incl. Heat Pretreatment Solution Citric, 500 ml; Pepsin Solution, 4 ml; Wash Buffer SSC, 560 ml; 25x Wash Buffer A, 100 ml; DAPI/DuraTect-Solution, 0.8 ml	20

* Using 10 µl probe solution per test. only available in certain countries. All other countries research use only! Please contact your local dealer for more information.

ZytoLight® Fluorochromes

Two factors that mainly influence FISH analyses:

- Fluorochromes of the FISH probes
- Appropriate filter sets

Fluorochrome	Excitation	Emission	Equivalent to
ZyBlue™	418 nm	467 nm	DEAC
ZyGreen™	503 nm	528 nm	FITC
ZyOrange™	547 nm	572 nm	Rhodamine

Recommended Filter Sets

All filter sets have a superior signal-to-noise ratio and need to be assembled in fluorescence filter holders specific for the respective microscope. Please contact info@zytovision.com for more information.

Prod. No	Product	Detected Fluorochrome
E-4030-1	DAPI Single Bandpass Filter Set v2	DAPI
E-4026-1	ZyBlue™ Single Bandpass Filter Set v2	
E-4012-1	ZyGreen™ Single Bandpass Filter Set v2	
E-4013-1	ZyOrange™ Single Bandpass Filter Set v2	
E-4016-1	ZyGreen™/ZyOrange™ Dual Bandpass Filter Set v2	
E-4010-1	DAPI/ZyGreen™/ZyOrange™ Triple Bandpass Filter Set	DAPI/
E-4028-1	ZyBlue™/ZyGreen™/ZyOrange™ Triple Bandpass Filter Set	

