



CytoCell



A Sysmex Group Company

Pathology 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

CytoCell FISH Probes

CytoCell® FISH probes for pathology and hematopathology are available in liquid format. These probes are directly labeled and ready to use in hybridization buffer.

Why Choose CytoCell Probes?

- Customers can have confidence in CytoCell's bright, tight signals and minimal background
- Ready-to-use, pre-mixed probes save aliquoting time and minimize errors
- Signal quality is maximised when probes are used in conjunction with our Tissue Pretreatment Kit*
- Expert FAS and technical specialists on hand to offer unparalleled support

*This product is provided under an agreement between Life Technologies Corporation and CytoCell Ltd and is available for human diagnostics or life science research use only.

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, customizing our approach to meet your exact needs. Choose CytoCell probes for your FISH analysis; our effective, accurate and simple to use products help clinical decision makers to reach the right decisions for each patient.

Pathology Probe Range

Probe Name	Chromosome Region	Probe Type	Control Probe	Volume (µl)	Cat. No.
1p36	1p36.32	-	-	50	LPS 513-A
1q25	1q25.2	-	-	50	LPS 512-A
19p13	19p13.2	-	-	50	LPS 515-A
19q13	19q13.33	-	-	50	LPS 516-A
ALK	2p23.2-p23.1	Breakapart	-	100	LPS 019-A
Centromere 3 Probe Red	D3Z1	-	-	15/75	LPS 526-SA/A [†]
Centromere 7 Probe Green	D7Z1	-	-	15/75	LPS 527-SA/A [†]
Centromere 17 Probe Aqua	D17Z1	-	-	15/75	LPS 528-SA/A [†]
CDKN2A Probe Gold	9p21.3	-	-	15/75	LPS 532-SA/A [†]
CHOP (DDIT3)	12q13.3	Breakapart	-	100	LPS 015-A
C-MET (MET)	7q31.2	Amplification	D7Z1	100	LPS 004-A
EGFR	7p11.2	Amplification	D7Z1	100	LPS 003-A
EML4	2p21	Breakapart	-	100	LPS 020-A
ERG	21q22.13-q22	Control	-	50	LPS 099-A
ETV6 Distal Probe Red	12p13.2	-	-	50	LPD 502-A
ETV6 Proximal Probe Green	12p13.2	-	-	50	LPD 501-A
EWSR1	22q12.1-q12.2	Breakapart	-	100	LPS 006-A
EWSR1/ERG Dual Fusion	21q22.1- q22.2/22q12.1-q12.2	Translocation	-	100	LPS 008-A
FGFR1	8p11.23-p11.22	Breakapart / Amplification	-	100	LPS 018-A
FLI1/EWSR1 Dual Fusion	11q24.3/22q12.1-q12.2	Translocation	-	100	LPS 007-A
FOXO1 Distal Red	13q14.1	-	-	50	LPS 519-A
FOXO1 Proximal Green	13q14.1	-	ZNF672	50	LPS 518-A

[†]15µl (-SA) and 75µl (-A) volumes available. For sale in the US only. These products have not been licensed in accordance with Canadian law.

Pathology Probe Range

Probe Name	Chromosome Region	Probe Type	Control Probe	Volume (µl)	Cat. No.
FUS Distal Green	16p11.2	-	-	50	LPS 521-A
FUS Proximal Red	Xp11.23	-	-	50	LPS 520-A
HER2 (ERBB2)	17q12	Amplification	-	100	LPS 001-A
MALT1	18q21.31-q21.32	Breakapart	-	100	LPS 017-A
MDM2	12q15	Amplification	D12Z	100	LPS 016-A
MPO Probe Red	17q22	-	-	50	LPD 503-A
N-MYC (MYCN)	2p24.3/2q11.2	Amplification	AFF3	100	LPS 009-A
PAX3	2q36.1	Breakapart	-	100	LPS 012-A
PAX7	1p36.13	Breakapart	-	100	LPS 013-A
P53 (TP53) Probe Green	17p13	-	-	50	LPD 504-A
RB1	13q14.2	Deletion	LAMP1	100	LPS 011-A
RET Distal	10q11.21	-	-	50	LPS 509-A
RET Proximal	10q11.21	-	-	50	LPS 508-A
ROS1	6q22.1	Breakapart	-	100	LPS 022-A
ROS1-GOPC (FIG) Distal	6q22.1	-	-	50	LPS 511-A
ROS1-GOPC (FIG) Proximal	6q22.1	-	-	50	LPS 510-A
SRD (CHD5)	1p36.31	Deletion	ZNF672	100	LPS 010-A
SYT (SS18)	18q11.2	Breakapart	-	100	LPS 014-A
TFE3 Distal Probe Green	Xp11.23	-	-	50	LPS 523-A
TFE3 Proximal Probe Red	Xp11.23	-	-	50	LPS 522-A
TMPRSS2	21q22.2-q22.3	Breakapart	-	50	LPS 098-A
TOP2A	17q21.2	Amplification/ Deletion	D17Z1	100	LPS 002-A
ZNF217	20q13.2	Amplification	20pter	100	LPS 005-A

Hematopathology Probe Range

Probe Name	Chromosome Region	Probe Type	Control Probe	Volume (µl)	Cat. No.
BCL2	18q21.33-q22.1	Breakapart	-	100	LPS 028-A
BCL6	18q21.33-q22.1	Breakapart	-	100	LPS 029-A
CCND1	11q13.3	Breakapart	-	100	LPS 030-A
IGH	14q32.3	Breakapart	-	100	LPS 032-A
IGH/BCL2 Dual Fusion	14q32.3/18q21.33-q22.1	Translocation	-	100	LPS 033-A
IGH/CCND1 Dual Fusion	14q32.3/11q13.3	Translocation	-	100	LPS 031-A
IGH/MALT1 Dual Fusion	14q32.3/18q21.31-q21.32	Translocation	-	100	LPS 034-A
IGH/MYC Dual Fusion	14q32.3/8q24.21	Translocation	-	100	LPS 035-A
IGK	2p11.2	Breakapart	-	100	LPS 038-A
IGL	22q11.21-q11.23	Breakapart	-	100	LPS 039-A
MYC	8q24.21	Breakapart	-	100	LPS 027-A
P16 (CDKN2A)	9p21.3	Deletion	D9Z3	100	LPS 036-A
P53 (TP53)	17p13	Deletion	D17Z1	100	LPS 037-A

General inquiries

US +1 914 467 5285
contact@ogt.com
ogt.com



Ordering information

US +1 833 208 4648
OGTorders@sysmex.com
ogt.com

Tissue Pretreatment Kit

Cat. No. **LPS 100***

Our tissue pretreatment kit is designed to prepare slides for FISH analysis on formalin-fixed paraffin-embedded (FFPE) tissue.

Our extensive Pathology FISH range has been optimised to produce excellent visual results with our ready-to-use Tissue Pretreatment Kit.

With ease-of-use and convenience in mind, our simple two stage FFPE slide preparation protocol employs ready-to-use reagents, which have been optimised to increase the permeabilization of cell membranes and facilitate penetration of the desired FISH DNA probe.

Probe Name	Product Description	Cat. No.
Tissue Pretreatment Kit*	Reagent 1 (1x1L), Reagent 2(1x10mL)	LPS 100

*This product is provided under an agreement between Life Technologies Corporation and CytoCell Ltd and is available for human diagnostics or life science research use only.



A Sysmex Group Company

What binds us, makes us.

Oxford Gene Technology Inc., 520 White Plains Road, Suite 500, Tarrytown, NY 10591, USA

CytoCell: This document and its contents are © Oxford Gene Technology IP Limited – 2021. All rights reserved. Trademarks: OGT™ (Oxford Gene Technology IP Ltd); CytoCell® FISH probes and myProbes® (USA): Analyte Specific Reagent. Analytical and performance characteristics are not established. (myProbes® are RUO in Canada.)

*Tissue Pretreatment Kit (LPS 100) is provided under an agreement between Life Technologies Corporation and CytoCell Ltd and is available for human diagnostics or life science research use only.

