

PATHOLOGY

Hybridizer Robust FISH and CISH Procedures



Hybridizer is a hands-free, codenaturation and hybridization instrument designed for slidebased fluorescence (FISH) and chromogenic (CISH) in situ hybridization on histology and cytology samples.

The system reduces the number of manual steps and improves efficiency, throughput and precision compared to manually performed ISH procedures. Hybridizer has a 12-slide capacity and heats and cools slides through two temperature ranges with short ramp times. The system is easy to use for a wide range of probes and protocols. Hybridizer is optimized for Dako DNA and PNA probes for FISH and CISH.

- Unique humidity control system
- Temperature uniformity within +/- 1 °C
- Rapid heating and cooling
- Easy to program for a wide range of probe applications
- Capable of storing 40 programs by names and numbers

Hybridizer (220-240 volt) **S2451**





Each Histology FISH Accessory Kit (code No. K5599) and Cytology FISH Accessory Kit (code No. K5499) includes step-by-step procedures and all key reagents for performing 20 tests on histology or cytology samples.



www.euro-fish.org

Euro-FISH aims to establish robust standardized protocols for FISH analysis of routine paraffinembedded lymphoma biopsies. The project involves independent validation of the methodology in eight collaborating European laboratories on 10 selected entities of lymphomas with more than 300 samples.

Dako FISH Probes	Labeled	Cell	Regulatory	Onda
Lymphoma Research Markers*	Gene	Type	Status RUO**	Code
BCL2 FISH DNA Probe, Split Signal	18q21	B cell		Y5407
BCL3 FISH DNA Probe, Split Signal	19q13	B cell	RUO	Y5411
BCL6 FISH DNA Probe, Split Signal	3q27	B cell	RUO	Y5408
BCL10 FISH DNA Probe, Split Signal	1p22	B cell	RUO	Y5418
CCND1 FISH DNA Probe, Split Signal	11q13	B cell	RUO	Y5414
MALT1 FISH DNA Probe, Split Signal	18q21	B cell	RUO	Y5409
MYC FISH DNA Probe, Split Signal	8q24	B cell	RUO	Y5410
PAX5 FISH DNA Probe, Split Signal	9p13	B cell	RUO	Y5413
ALK FISH DNA Probe, Split Signal NEW	2p23	T cell	RUO	Y5417
TCL1 FISH DNA Probe, Split Signal NEW	14q32	T cell	RUO	Y5426
Translocation Markers*				
IGH FISH DNA Probe, Split Signal	14q32	B cell	RU0	Y5406
IGK FISH DNA Probe, Split Signal	2p11	B cell	RU0	Y5416
IGL FISH DNA Probe, Split Signal	22q11	B cell	RU0	Y5412
TCRAD FISH DNA Probe, Split Signal NEW	14q11	T cell	RU0	Y5419
TCRB FISH DNA Probe, Split Signal NEW	7q34	T cell	RU0	Y5421
TCRG FISH DNA Probe, Split Signal NEW	7p14	T cell	RUO	Y5420
Leukemia Markers				
BCR FISH DNA Probe, Split Signal ¹	22q11	B cell	CE-IVD	Y5403
ETV6 FISH DNA Probe, Split Signal (TEL) ¹	12p13	B cell	CE-IVD	Y5400
MLL FISH DNA Probe, Split Signal ¹	11q23	B cell	CE-IVD	Y5401
TCF3 FISH DNA Probe, Split Signal (E2A) ¹	19p13	B cell	CE-IVD	Y5402
SIL-TAL 1 FISH DNA Probe, Sub-Deletion Signal ¹	1p32	T cell	CE-IVD	Y5405
TLX3 FISH DNA Probe, Split Signal (H0X11L2) ¹	5q35	T cell	CE-IVD	Y5404
Leukemia Research Markers				
FIP1L1-PDGFRA FISH DNA Probe, Sub-Deletion Signal NEW	4q12	B cell	RUO	Y5422
TLX1 FISH DNA Probe, Split Signal (H0X11)	10q24	T cell	RUO	Y5415
Solid Tumor Markers				
HER2 FISH pharmDx™ Kit			CE-IVD	K5331
Solid Tumor Research Markers				
TOP2A FISH pharmDx™ Kit			RUO	K5333
EGFR/CEN-7 FISH Probe Mix			RUO	Y5500

TOP2A FISH pharmDx™ Kit	RU0	K5333
EGFR/CEN-7 FISH Probe Mix	RUO	Y5500
MYC/CEN-8 FISH Probe Mix	RUO	Y5504
EMSY/CEN-11 FISH Probe Mix	RUO	Y5505

FISH Accessory Kits & Instrument

Histology FISH Accessory Kit	CE-IVD	K5599
Cytology FISH Accessory Kit	CE-IVD	K5499
Hybridizer (220-240 volt)	CE-IVD	S2451
Hybridizer Humidity Control Strips	CE-IVD	S2452

^{*}Lymphoma & Translocation Markers under validation of Euro-FISH

Reference

Van der Burg M, Poulsen TS, Hunger SP, Beverloo HB, Smit EME, Vang-Nielsen K, Langerak AW, Van Dongen JJM. Split-signal FISH
for detection of chromosome aberrations in acute lymphoblastic leukemia. Leukemia; 18:895-908. 2004.



^{**}RUO: For Research Use Only. Not for use in diagnostic procedures.