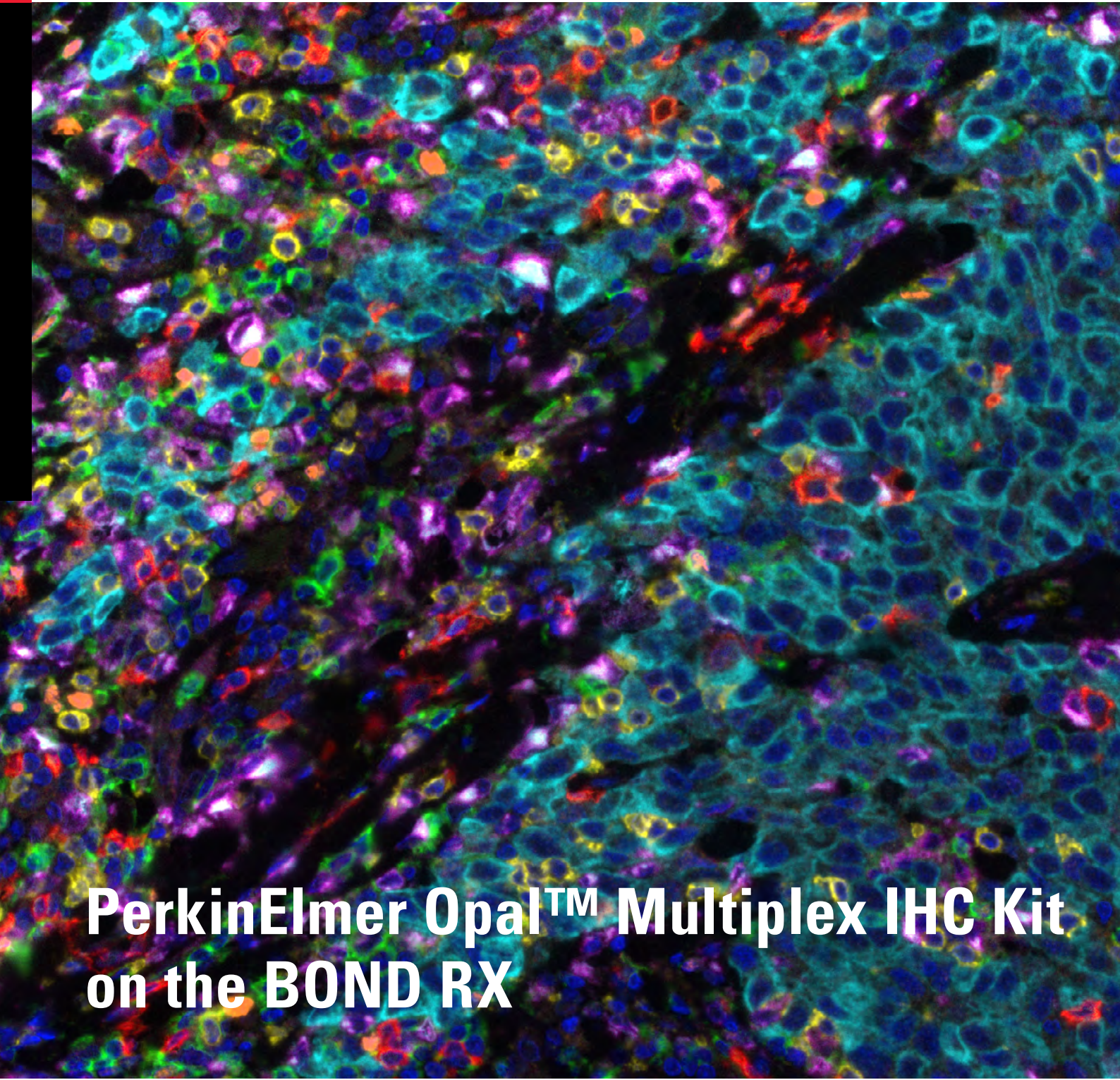


Advancing Cancer Diagnostics
Improving Lives

Leica

BIOSYSTEMS



PerkinElmer Opal™ Multiplex IHC Kit on the BOND RX

FULLY AUTOMATED, FLUORESCENT MULTIPLEX
IMMUNOHISTOCHEMISTRY (IHC).

MAKE "WALK-AWAY" MULTIPLEX STAINING A REALITY

Expand your Research Horizons

Deepen your understanding of cell-to-cell interactions within tumors and their microenvironments.

Multiplexing provides the ability to visualize cancer biology through the detection of multiple biomarkers on a single slide.

Previously a time intensive process, experience unbridled speed and consistency that comes from a fully integrated, fully automated solution.

- » Simultaneously visualize up to six tissue biomarkers plus a nuclear counterstain
- » Use the best primary antibodies, regardless of species – with no crosstalk
- » Retain spatial cellular context that is lost when using other methods
- » Get more information from scarce samples
- » Editable protocol is easily optimized to meet your specific needs



Experience Openness and Automation like Never Before

ACHIEVE YOUR GOALS FASTER

Produce up to 30 beautiful, seven-color immunofluorescence slides in about 14 hours without intervention. Use the BOND RX to get your results sooner, easier and with less labor time.

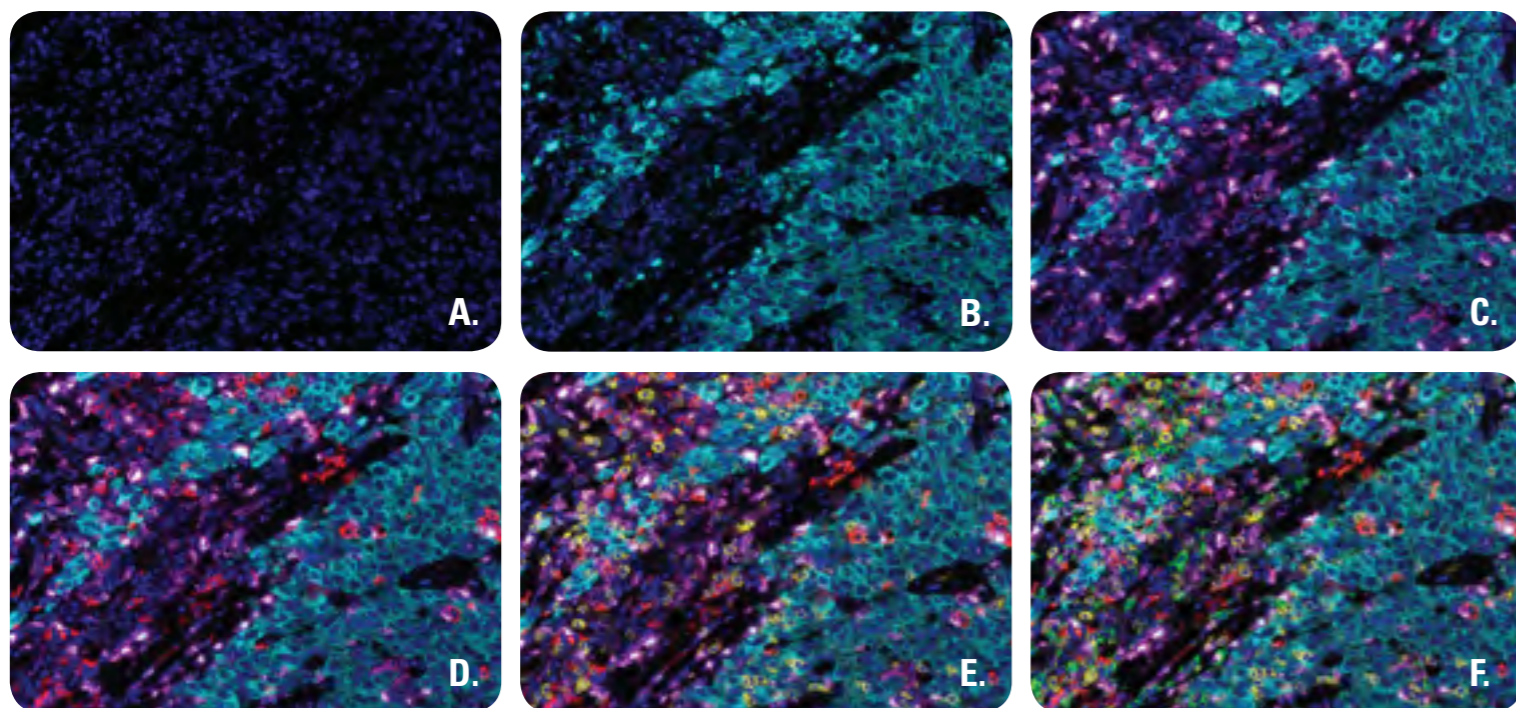


HAVE CONFIDENCE IN YOUR RESULTS

Utilizing our unique Covertile Technology, the BOND RX boasts highly specific and sensitive staining, coupled with the run-to-run consistency researchers demand.

ENTRUST YOUR WORK TO A TRULY OPEN SYSTEM

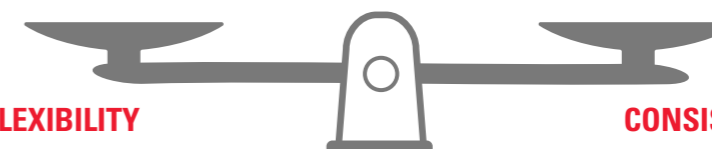
The BOND RX research platform allows you to specify the test parameters of your choosing. Work with a system that enables you to achieve your research goals through speed, flexibility and consistency.



THE IDEAL BALANCE

- » Open detection/reagents
- » Custom protocols
- » Standard bulk reagents
- » Run-to-run consistency

FREEDOM AND FLEXIBILITY



CONSISTENT RESULTS

Breast cancer tissue stained on the BOND RX with Opal Multiplex Automation IHC Detection Kits. Cytokeratin (blue), CD68 (purple), CD20 (red), CD8 (yellow), CD4 (green), FoxP3 (orange).

AVAILABLE FROM LEICA BIOSYSTEMS | LEICABIOSYSTEMS.COM

Catalog Number	Product Name and Description	Quantity
DS9455	BOND Research Detection System	1 kit
DS9477	BOND Research Detection System 2	1 kit
DS9800	BOND Polymer Refine Detection	1 kit
DS9390	BOND Polymer Refine Red Detection	1 kit
CS9100	BOND Aspirating Probe Cleaning System	1 system, 15 cleans
OPT9049	BOND Titration Kit	10 containers, 50 inserts
OP79193	BOND Open Containers (7 mL)	10 pack
OP309700	BOND Open Containers (30 mL)	10 pack
S21.4611	BOND Universal Covertiles	160 pack
AR9961 & AR9640	BOND Epitope Retrieval Solution 1 & 2	1L (RTU) each
S21.1971	BOND Mixing Stations	5 pack
AR9222	BOND Dewax Solution	1L (RTU)
AR9590	BOND Wash Solution (10x concentrate)	1L

AVAILABLE FROM PERKIN ELMER | PERKINELMER.COM

OPAL FLUOROPHORE EXCITATION AND EMISSION MAXIMA SYSTEM SPECIFICATIONS

Fluorophore	Opal Multiplex IHC Kits		Excitation	Emission	Cap color
	4-color	7-color			
Spectral DAPI	✓	✓	358 nm	461 nm	Blue
Opal 520	✓	✓	494 nm	525 nm	Green
Opal 540		✓	523 nm	536 nm	Yellow
Opal 570	✓	✓	550 nm	570 nm	Red
Opal 620		✓	588 nm	616 nm	Amber
Opal 650		✓	627 nm	650 nm	Orange
Opal 690	✓	✓	676 nm	694 nm	Clear

LEICA BIOSYSTEMS

Leica Biosystems (LeicaBiosystems.com) is a global leader in workflow solutions and automation, integrating each step in the workflow. As the only company to own the workflow from biopsy to diagnosis, we are uniquely positioned to break down the barriers between each of these steps. Our mission of “Advancing Cancer Diagnostics, Improving Lives” is at the heart of our corporate culture. Our easy-to-use and consistently reliable offerings help improve workflow efficiency and diagnostic confidence. The company is represented in over 100 countries and is headquartered in Nussloch, Germany.

AVAILABLE FROM PERKIN ELMER | PERKINELMER.COM

OPAL REAGENT PACKS

	Product Number
Opal 520 Reagent Pack	FP1487001KT
Opal 540 Reagent Pack	FP1494001KT
Opal 570 Reagent Pack	FP1488001KT
Opal 620 Reagent Pack	FP1495001KT
Opal 650 Reagent Pack	FP1496001KT
Opal 690 Reagent Pack	FP1497001KT

**All Opal Reagent packs contain Opal Reagent and Dimethyl sulfoxide (DMSO)*

OPAL MULTIPLEX IHC DETECTION KITS

Fluorophore	Sizes	Product Number
Opal 4-color Automation IHC Kit	50 Slides	NEL800001KT
Opal 7-color Automation IHC Kit*	50 Slides	NEL801001KT

**Opal 7-color kits require multispectral imaging.*

ANCILLARY

	Product Number
1X Plus Amplification Diluent 1 X 50 mL	FP1498A
Spectral DAPI	FP1490
Antibody Diluent / Block 100 mL	ARD1001EA
Opal Polymer HRP Ms + Rb 50 mL	ARH1001EA

Leica Biosystems – an international company with a strong network of worldwide customer services.

For detailed contact information on your nearest sales office or distributor please visit our website: LeicaBiosystems.com

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