ADVANCED STAINING REAGENTS

BOND CHROMOPLEX 1 DUAL DETECTION

FOR A VISIBLE DIFFERENCE

MULTIPLE ANTIBODIES ON A SINGLE SLIDE

DELIVER A COMPREHENSIVE 2-PLEX CLINICAL RESULT

FOR IN VITRO DIAGNOSTIC USE

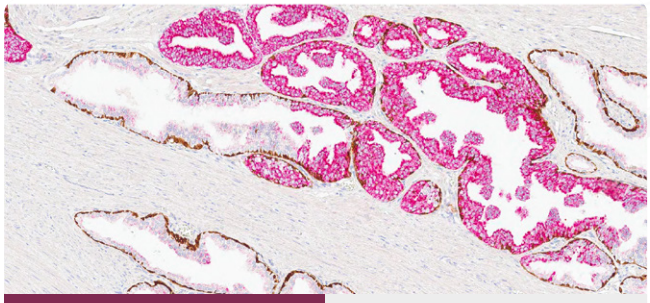
Advancing Cancer Diagnostics
Improving Lives

Leica BIOSYSTEMS

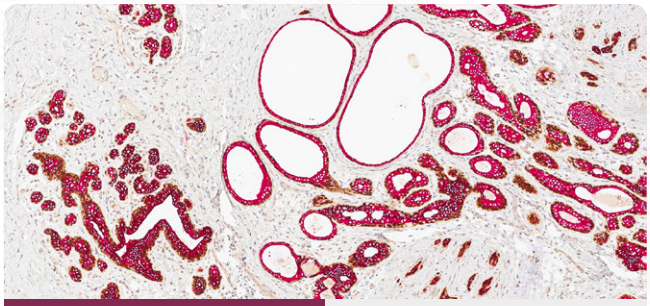
A VISIBLE DIFFERENCE...

WHEN TISSUE IS LIMITED AND A DIAGNOSIS IS REQUIRED, THE MOST EFFICIENT USE OF TISSUE SECTIONS IS IMPERATIVE.

BOND ChromoPlex 1 Dual Detection is intended for dual target visualization by immunohistochemistry (IHC) using the automated BOND systems. View multiple antibodies using two distinctive chromogens on a single slide – Giving you a faster, more comprehensive result for clinical assessment.



Prostate Tissue | CK5/14 + P63 + P504S



Breast Tissue | CK HMW/p63 + CK7/8/18

ONE STEP **TWO RESULTS**

ChromoPlex 1 Dual Detection for BOND offers the ability to differentiate 2 different epitopes using distinct chromogens on the same slide. It provides full automation, rapid turn-around-time and high quality 2-plex staining all within the footprint of a single reagent kit.

INTENSE STAINING, CLEAN BACKGROUND

Achieve intense high-resolution staining produced with the Novocastra Compact Polymer detection technology. The excellent contrast between the AP Fast Red and HRP DAB chromogens allows for easy differentiation.

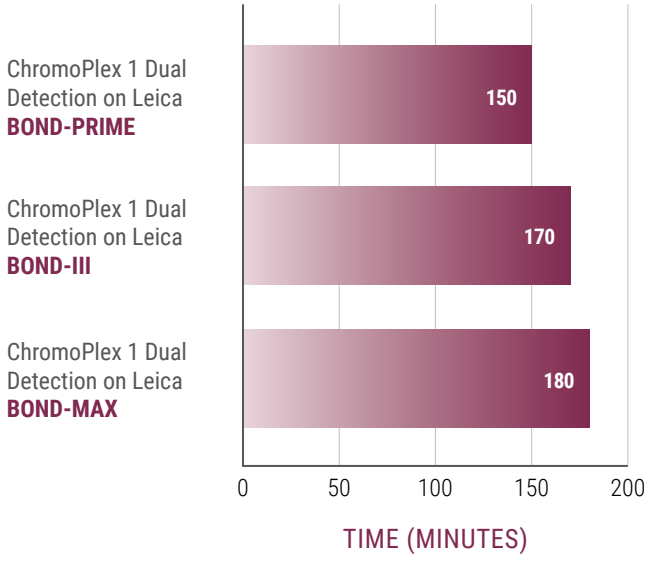
MINIMIZE REPEATS, MAXIMIZE EFFICIENCY

Parallel multiplex utilizes a single step retrieval, reducing unnecessary tissue processing, which can reduce tissue damage. Coupled with the BOND system and the Compact Polymer Detection technology, laboratories can achieve excellent results.

FAST TURN-AROUND TIME

Revolutionize your workflow with a fast turn-around time of 3 hours on BOND-MAX, < 3 hours on BOND-III, and approximately 2.5 hours on BOND-PRIME.

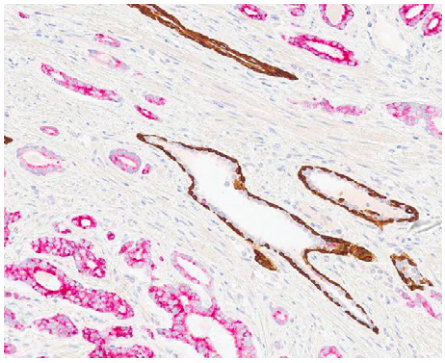
ChromoPlex 1 provides consistently fast turn-around times for 2-plexing across BOND platforms.



The average turnaround times were calculated using various antibody combinations with IHC Protocol K on all BOND platforms. Users may notice slight variations in turn-around times due to differences in workflows.

Products in this flyer are subject to regulatory approval. Please consult your Leica Biosystems Sales Representative for availability in your region.
For more information on regulatory status and intended use, see the IHC & ISH Product Catalog or product IFUs.

EASY-TO-USE & EFFICIENT



PLUG-AND-PLAY DUAL DETECTION SYSTEM DESIGNED TO DELIVER 2-PLEX IHC STAINING ON BOND-MAX, BOND-III AND BOND-PRIME

Ready Made for Your Clinical Setting

Tissue sample efficiency and cellular architecture data afforded by 2-plex staining, without compromising laboratory workflow.

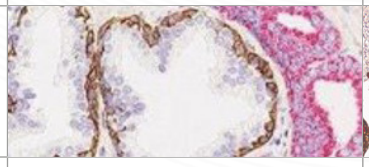
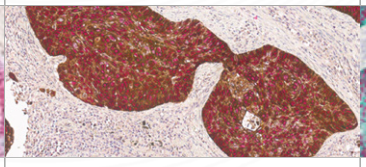
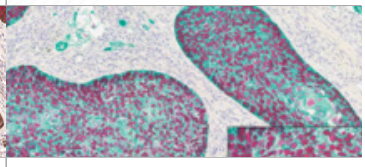
Multiple Antibodies, Single Slide

The parallel reagent technology of ChromoPlex 1 Dual Detection for BOND ensures uniform reagent application and clearly differentiated antigen staining.

Fast and Efficient

A turn-around time of < 3 hours on BOND-III and 2.5 hours on BOND-PRIME enables laboratories to rapidly enhance patient care.

DUAL STAINING OPTIONS ON BOND PLATFORM

	SEQUENTIAL STAINING	CHROMOPLEX 1 (PARALLEL STAINING)	CHROMOPLEX II (SEQUENTIAL STAINING)
Instrument	BOND-MAX, BOND-III, BOND-PRIME	BOND-MAX, BOND-III, BOND-PRIME	BOND-MAX, BOND-III
Detection product #	Refer to BOND user manual	DS9477, DS9665 (BOND-MAX/ BOND-III) DS9397 (BOND-PRIME)	DS9494
Compatibility	Mouse/ Rabbit Antibodies	Antibody Cocktails	Mouse/ Rabbit Antibodies
TAT	5.5- 6 hours	< 3 Hours (BOND-III) ~ 2.5 Hours (BOND-PRIME)	4.5 Hours (BOND-III)
Chromogen contrast			
Colocalization potential	No	No	Yes – Third color achieved
Elution Buffer	No	No	Yes
CISH/IHC	CISH and IHC	IHC only	CISH and IHC
Use	Dual staining applications		

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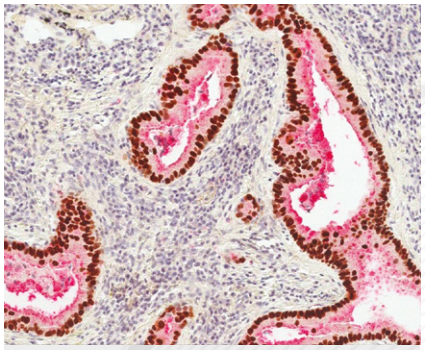
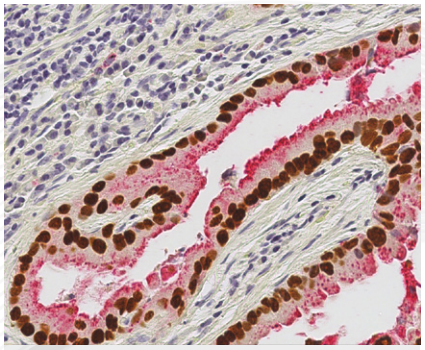
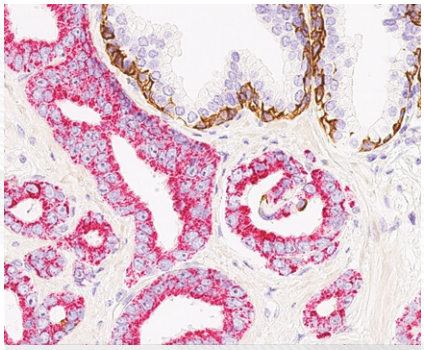


Lung adenocarcinoma with strong, specific nuclear DAB staining of TTF-1 cells together with clear specific cytoplasmic RED staining of Napsin A. Lung biopsy stained with user validated lung cocktail. TTF-1 mouse antibody stains brown and Napsin A rabbit antibody stains red.



User Validated Lung Marker Cocktail - TTF-1 mouse antibody stains brown and Napsin A rabbit antibody stains red.



User Validated Prostate Marker Cocktail - HMW CK mouse antibody stains brown and P540S rabbit antibody stains red.

DIGITAL IMAGE GALLERY

A VISIBLE DIFFERENCE...

SCAN/CLICK ME!

For the best image viewing experience, please access gallery on a computer.

Leica Biosystems delivers a comprehensive range of reagent solutions to suit your needs: IHC antibodies, detection systems and ancillary reagents designed for both fully automated and manual workflows, all to help you deliver high quality and reliable staining that supports patient care.

ORDERING INFORMATION		
BOND Platform Compatibility	**Product Code**	**Tests Per Kit**
BOND-MAX, BOND-III	DS9665	50
BOND-MAX, BOND-III	DS9477	100
BOND-PRIME	DS9397*	100

*Additional Hematoxylin reagent (AR0096) is required for DS9397

LEICA BIOSYSTEMS IS 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

FOR IN VITRO DIAGNOSTIC USE

Leica Biosystems is a global leader in workflow solutions and automation. 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. It has manufacturing facilities in 9 countries, sales and service organizations in 19 countries, and an international network of dealers. The company is headquartered in Nussloch, Germany. Visit LeicaBiosystems.com for more information.

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