

Xmatrix[®]ELITE



eXACT™ Temperature Control on Every Slide



Liquid Level Sensor for Accurate Reagent Dispensing



On-board Dewaxing, Antigen Retrieval and Rehydration



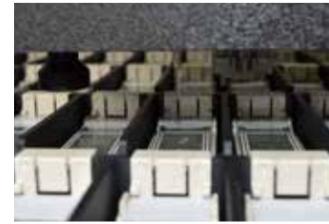
Plug & Play Fully Automated Stainer



LIMS Enabled System



Reaction Micro-chamber with Microfluidics

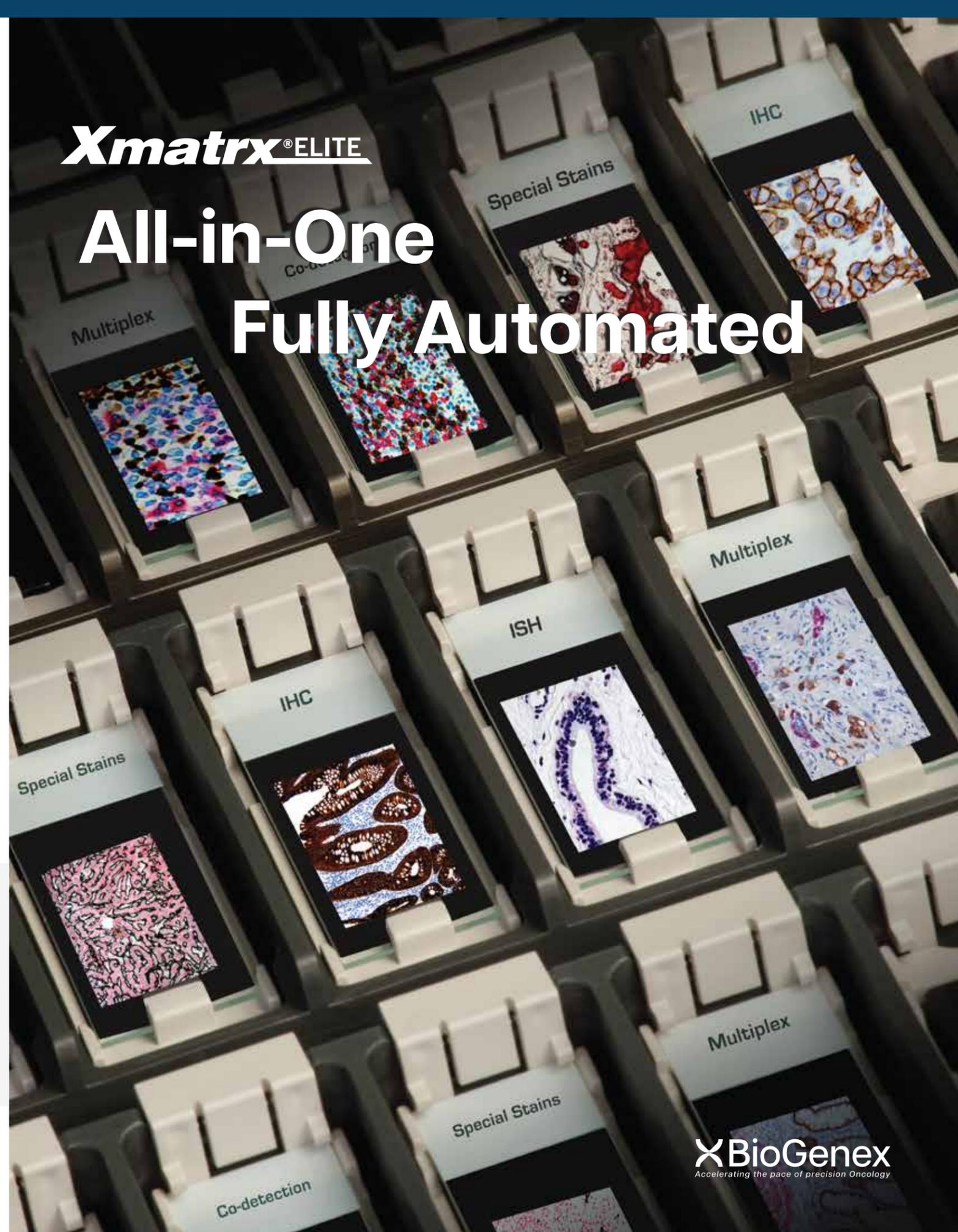


Reaction Micro-chamber with Microfluidics

© 2024 BioGenex Laboratories, Inc. All Rights Reserved Doc. No. 907-4087.0 Rev. J

Xmatrix[®]ELITE

All-in-One Fully Automated



Contact Information:

USA : 48810 Kato Road, Suite 100E & 200E, Fremont, CA 94538 USA
 India : Aerospace & Precision Engineering, TSIC SEZ, Adibatla, Telangana-501510
 China: Shanghai Exhibition Center, No.1000 Middle Yan An Road, Shang Hai Shi, China, 200041

Customer service - US : customerservice@biogenex.com
 Customer service - India : indiacs@biogenex.com
 Customer service - Global : internationalcs@biogenex.com
 Instrument support : instrument.care@biogenex.com
 Reagent support : reagentsupport@biogenex.com

For US
 T: +1-510-824-1400
 T: +1-800-421-4149
 F: +1-510-824-1490

For India
 T: +91-6309448856

For China
 T: +86-21-2220-6680
 F: +86-21-2220-6679

For Other Countries
 T: +91-7702301043



www.biogenex.com

BioGenex
 Accelerating the pace of precision Oncology

BioGenex
 Accelerating the pace of precision Oncology



Three Simple Steps:



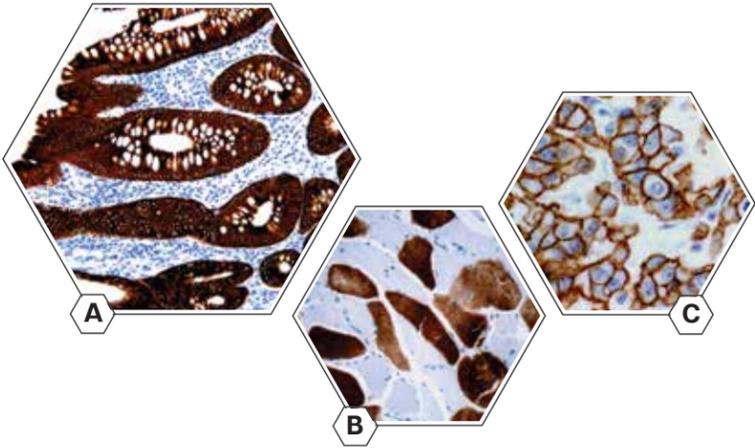
Xmatrix[®]ELITE

The most advanced fully automated system for IHC, ISH Co-detection, and multiplexing

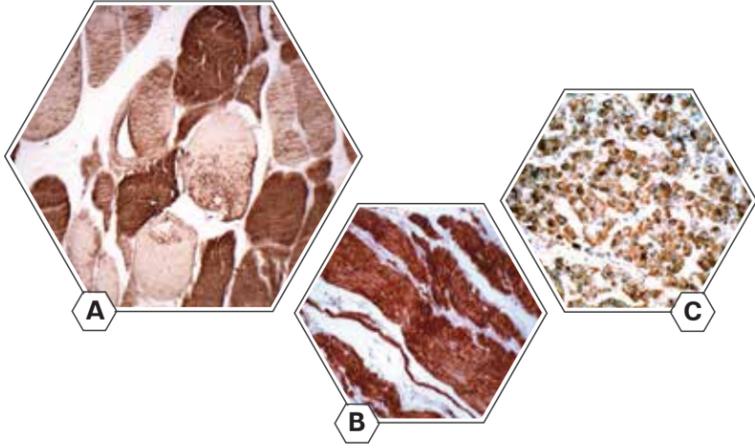
- **All-in-one - Microtome to Microscope IHC, ISH and Multiplex Stains**
- **Special dedicated software for FISH**

- Adaptable workflow solution for efficiency, enhanced productivity and profitability
- High throughput - 30 slides in < four hours, 60 slides in six hour shift and 40 slides in a delayed overnight run
- Multi slide processing options: Random access, STAT, and Continuous mode for uninterrupted runs, (Slide configuration: Positively charged 25X75mm slides)
- Multi-format specimen processing: Frozen, FFPE, Cell Preparations, Smears and FNAs
More than 600+ optimized, pre-loaded factory protocols and ability to include 200 user-defined protocols
- Simultaneous operation of 40 different protocols in a single run
- LIMS - enabled data tracking and management* with the help of On-Board Software
- Accurate reagent usage tracking for inventory management
- Provision to use third party reagents
- Provision for individual Slide Barcoding

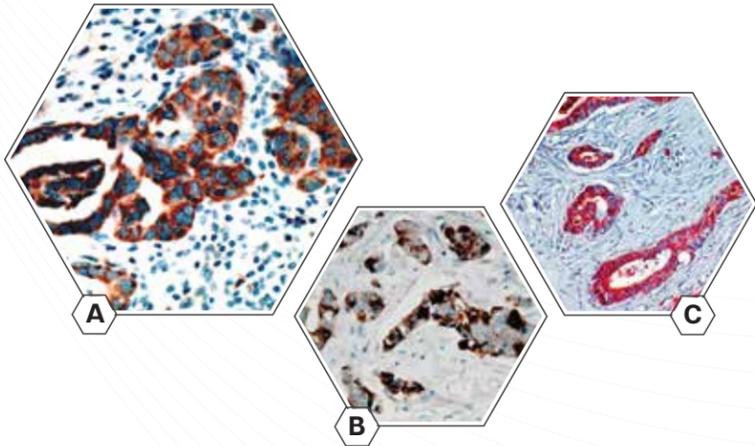
All-In-One Fully Automated System for IHC, ISH, FISH* and Multiplex Stains



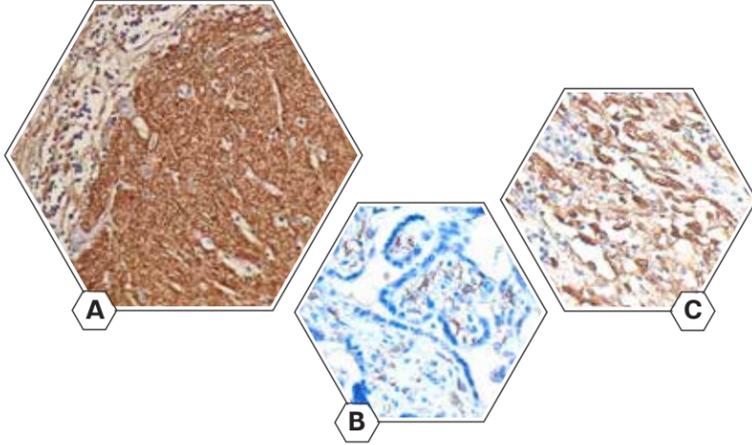
A. Anti-CK18
B. Anti-Myosin
C. Anti-HER2



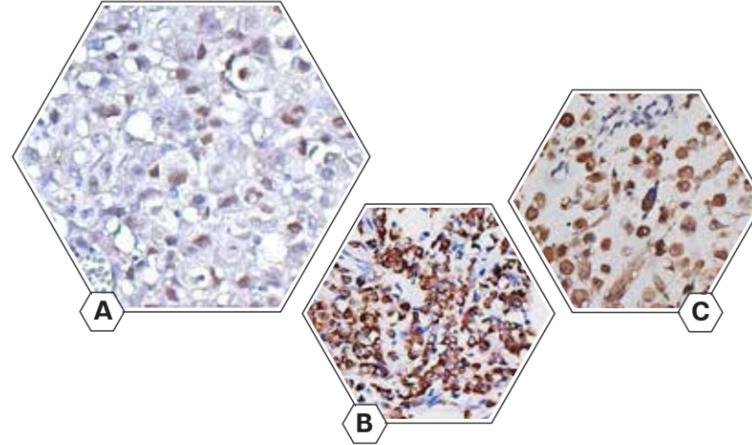
A. Actin, Muscle-Specific
B. Actin, Smooth Muscle
C. ACTH



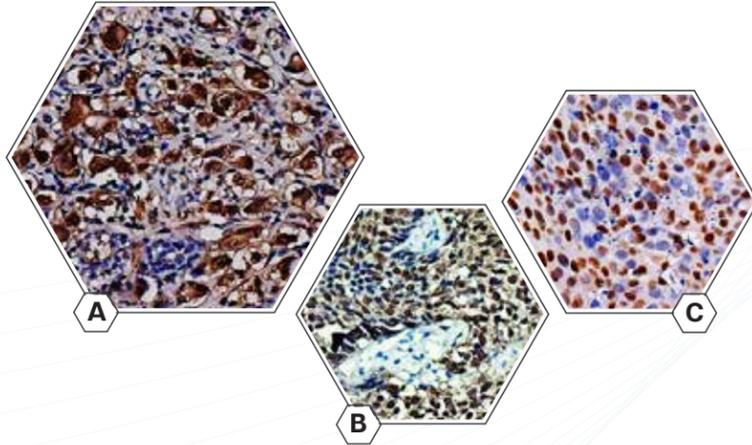
A. Bcl-x
B. Anti-GCDFP-15
C. Carcinoembryonic Antigen (CEA)



A. CD56
B. Factor XIII A
C. S100B



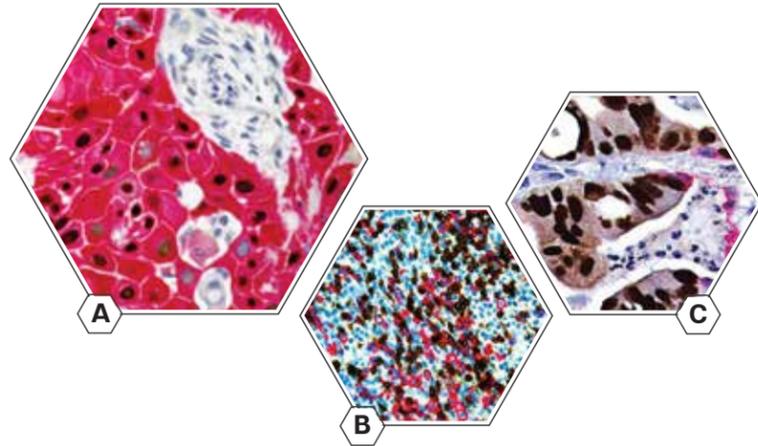
A. Cyclin D3
B. CK18
C. MYO D1



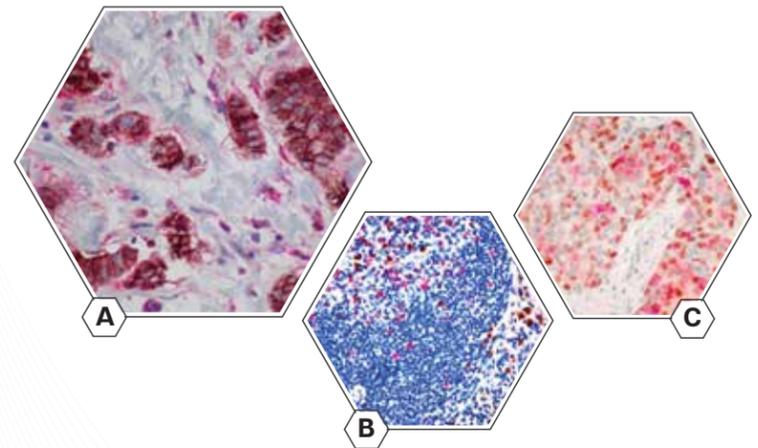
A. IDH1
B. SOX2
C. p21

All-In-One Fully Automated System for IHC, ISH and Multiplex Stains

Multiplex Stains

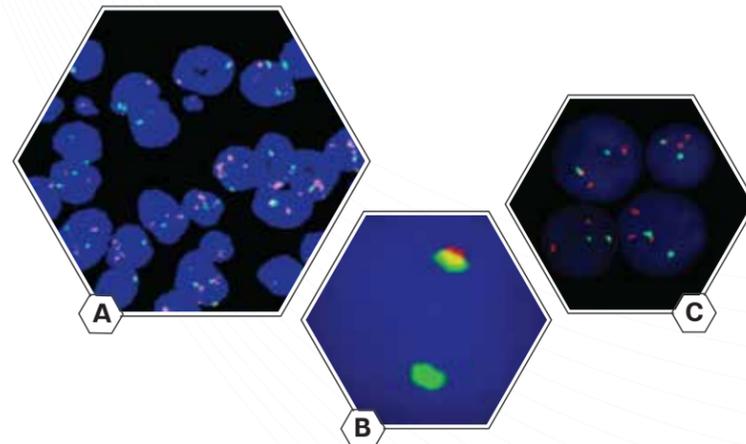


- A. SCC - anti-p63 + anti-CK5
- B. Tonsil - anti-CD3 + anti-CD20
- C. Metastatic Carcinoma in Lung - anti-CDX2 + anti-CK7



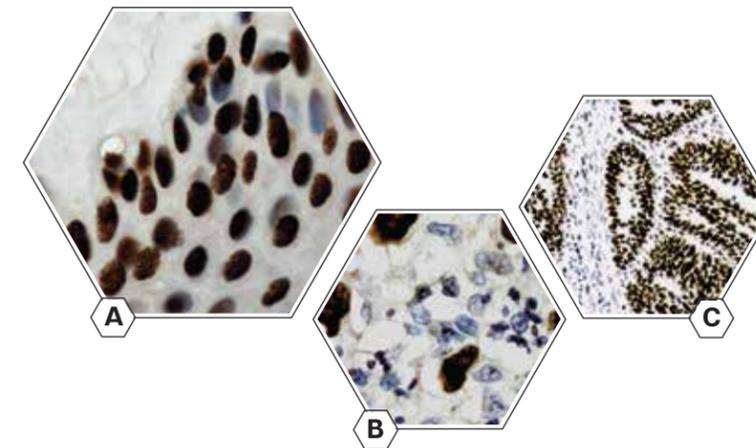
- A. E-Cadherin + p120 Catenin
- B. Ki67 + Lambda
- C. CD10+Cyclin D1

FISH *

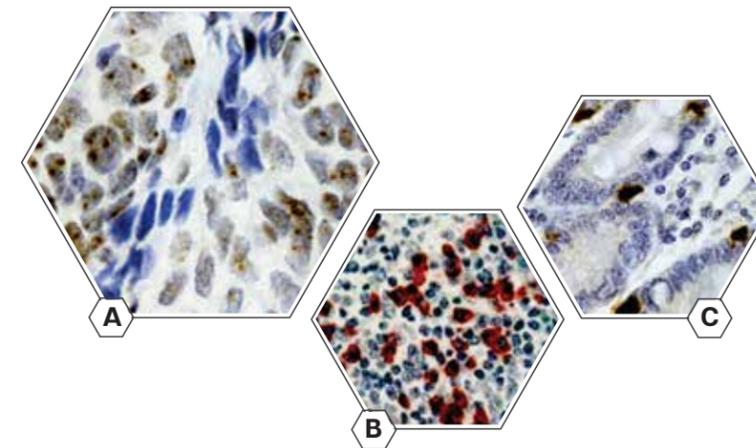


- A. FISH EGFR
- B. FISH Break apart ALK
- C. FISH HER2

ISH



- A. Alu II Probe
- B. EBV-encoded RNA Probe
- C. Retinoblastoma (RB) Probe



- A. HPV 16&18
- B. Kappa Probe
- C. Cyclin D1 Probe

System Specifications

Parameters	Xmatrix® Elite	Parameters	Xmatrix® Elite
Automation	Full (baking through coverslip)	Slide temperature range	25-105 °C
Slide capacity	40 slides	Configuration	Free standing
Reagent capacity	49 reagent vials	Protocols	Preloaded > 600 protocols
Reagent vial capacity	16 mL and 5 mL	LIMS Integration	Enabled
Bulk reagent carboy & capacity	7 x 4L	Operating temperature	15-30 °C
Waste container & capacity	2 x 08L / 2 X 20L	Operating humidity	15%-55% RH
Slide sensing	Barcode	Operating voltage	115/230 V AC, 60/50 Hz, 900 W
Reagent sensing	Barcode	Provision for UPS	Yes
Reagent dispense volumes	10-800 µL	Dimensions (D/W/H)	29" x 66" x 59"
Reagent dispenser	Pipette tips	Weight	400 lb/182 Kg
Report & Label Printer	Yes	Floor Mounting	Yes