



AzerPath CNT300

Fully Automatic MULTIPLEX IHC Stainer

Innovative

Intuitive

Reliable

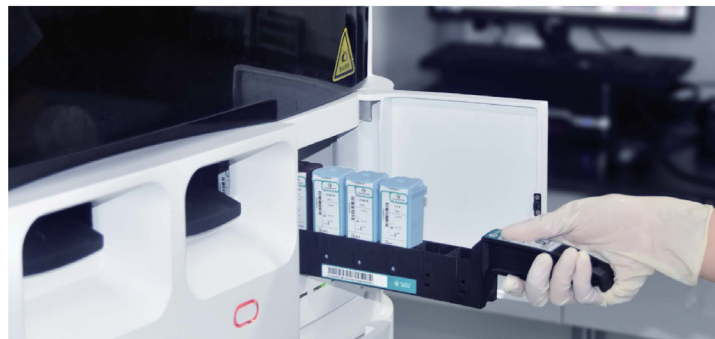
Economical



701 Hemlock Rd. Morgantown, PA 19543 | 1-877-770-2937 | Orders@AzerSci.com

3 independent slide trays with 30 slides total capacity.

Continuous access to slide trays and reagents during run, can run multiple protocols in parallel.



Technical Parameters

General Characteristics

Fully automatic:	Baking, deparaffinization, antigen retrieval, blocking, detection, counterstain, for IHC, Multiplex IHC and ISH applications
Intuitive software interface:	Visual monitoring of reagent volume, running time, fault message
Waste Separation:	Non-toxic deparaffination solution. Separate waste containers for hazardous waste (DAB waste) and non-hazardous waste. Help labs save both time and money spent on waste disposal
Slide Capacity:	3 trays, 30 slides, 10 slides per tray
Multifunctional:	Support IHC, ISH, mIHC, ICC protocols
Turnaround time:	2.5 - 4 hrs
Temperature control:	30 individual heating units, slides can be heated up to 100[X] for antigen retrieval
Dispensing volume:	Dispense volume can be adjusted between 80ul - 120ul for optimal staining results
Reagent container capacity:	7mL and 30mL
Number of reagent container spots:	36
Bulk liquid container:	2.5L
Waste containers:	2.5L / 18L
Fluid probe:	PTFE coated titanium alloy

Environment Requirements

Operating temperature:	41°F ~ 95°F (5°C ~ 35°C)
Maximum heating energy output:	1200VA
Dimensions (L x W x H):	794 x 770 x 850 mm
Weight:	225 KG

Electrical Parameters

Voltage & mains frequency:	AC 110V/60Hz or AC 220V/50Hz
Power consumption:	1200 VA



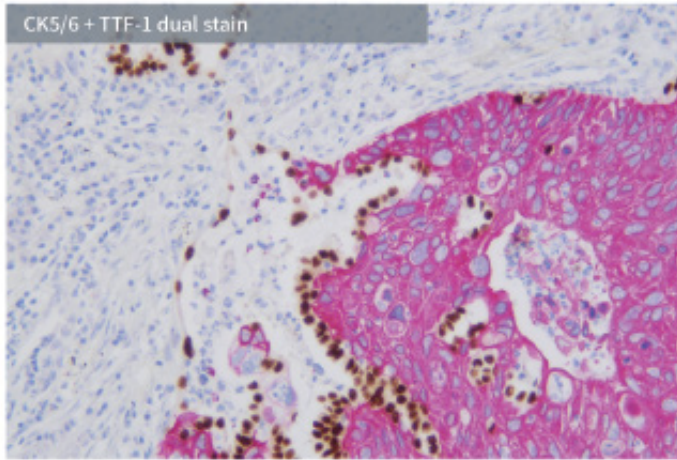
MicroStacker™ The Dedicated Detection System

The innovative MicroStacker™ technology allows for the orientation-controlled attachment of Fab' fragments of IgG on the poly-HRP core based on micro-polymer scaffolds.

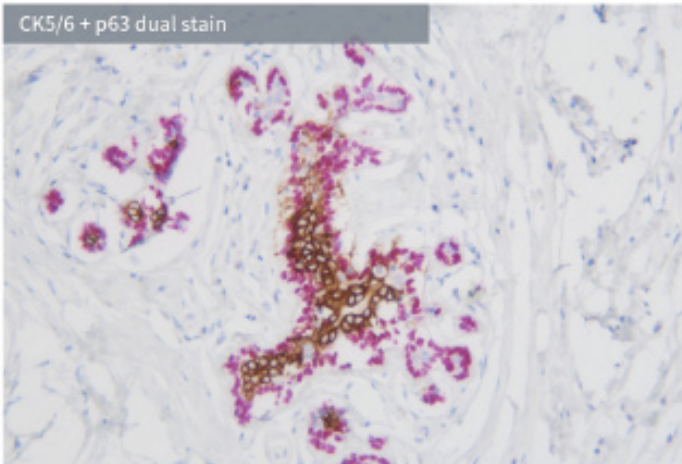
The proprietary Fab' labeling methods avoid the occasional blocking of the antibody binding site during the bioconjugation process, thus increasing the sensitivity of the polymer.

Biotin-free detection eliminates background staining due to endogenous biotin.

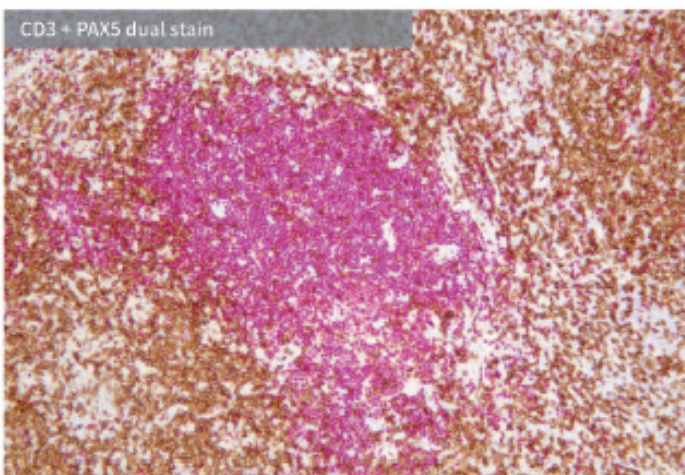
MIHC RTU Multiplex IHC Kits



Lung adenocarcinoma (CK5/6 Brown, TTF-1 RED)



Normal breast ductal (CK5/6 Brown, p63 Red)



Lymphoma (CK3 Brown, PAX5 Red)

Staining Process

deparaffinization
and hydration



antigen retrieval



blocking



primaryAB



detection



chromogen A



chromogen B



counterstain



coverslip



Product Features



Fully Automatic

Baking, deparaffinization, antigen retrieval, blocking, detection, counterstain, for IHC, Multiplex IHC and ISH applications.



Reliable

Real-time monitoring and tracking; identify labels by both camera and Infrared to avoid human error.



Multifunctional

Support IHC, ISH, mIHC, ICC protocols.



Economical

Dispense volume can be reduced to 80uL to reduce cost.



High Resolution

The innovative MicroStacker™ polymer technology ensures sensitive & specific detection.



Intuitive

Easy-to-use user interface
Visual cues on reagent volume and program status.



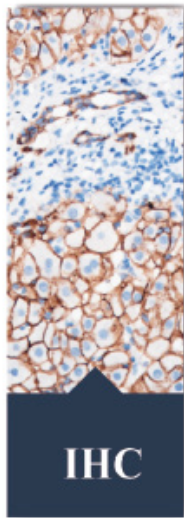
Flexible

Ability to continuously load and unload slides during run; Multiple devices can be controlled by a central computer; Customizable staining protocols; Hospital LIS system supported.

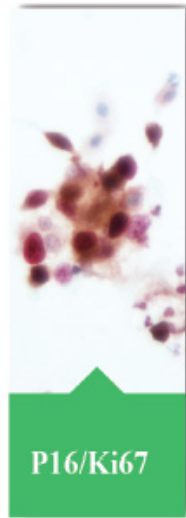


Eco - Friendly

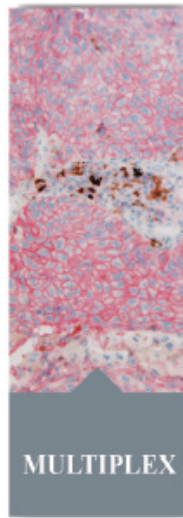
Separate waste containers for hazardous waste (DAB waste) and non-hazardous waste. Help labs save both time and money spent on waste disposal.



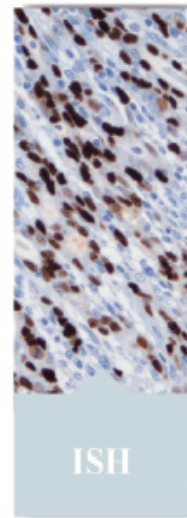
IHC



P16/Ki67

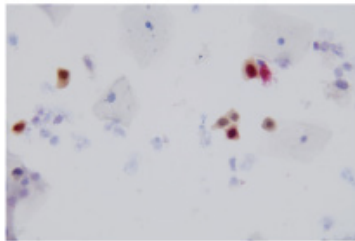


MULTIPLEX

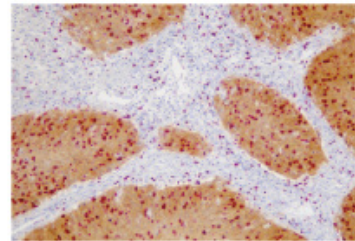


ISH

Detect two antigens at the same time

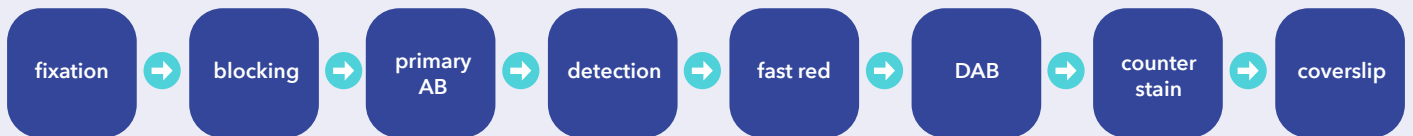


P16 & Ki67 / Pap Smear

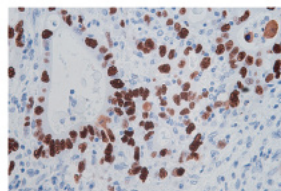


P16 & Ki67 cervical tissue section

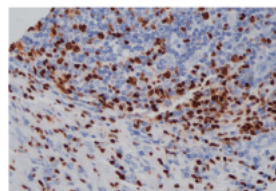
Staining Process



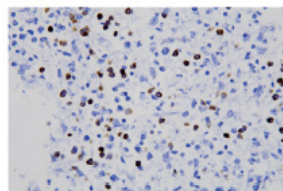
Gold standard for Epstein-Barr virus infection



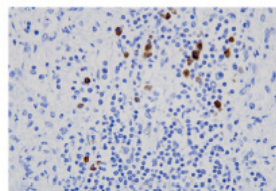
EBER Gastric Cancer



EBER Lymphoma



Kappa Probe



Lambda Probe