

NEOPATH^{PRO}

Automation Redefined for IHC, ISH & FISH

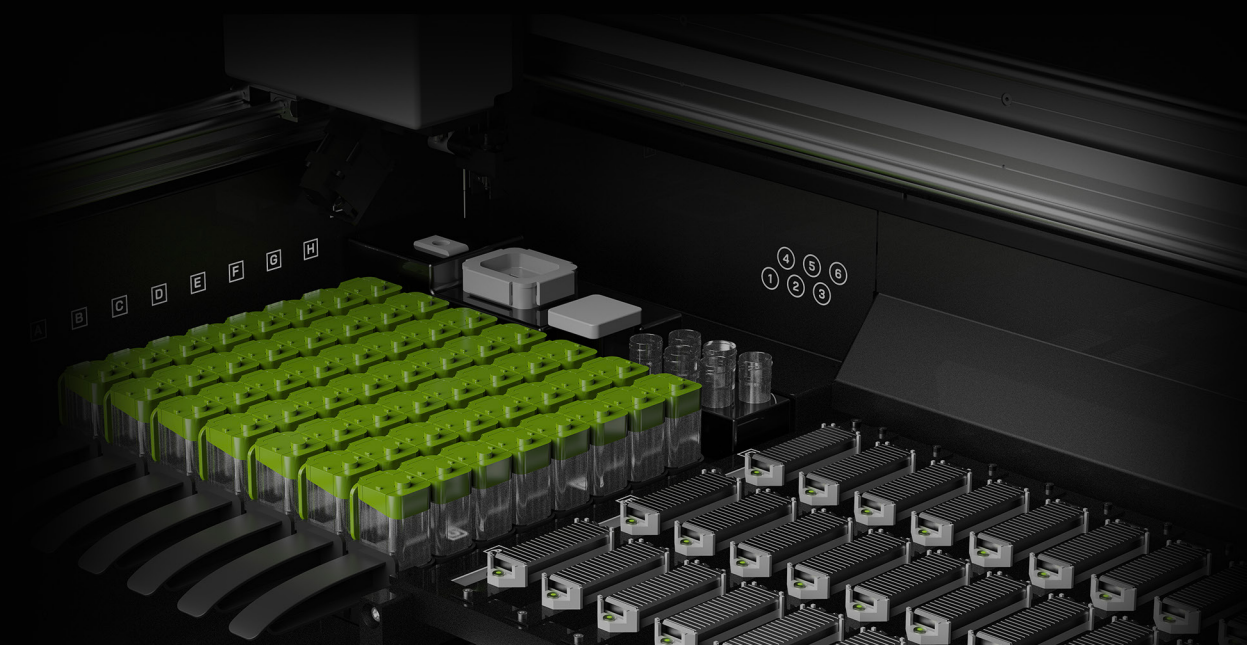


BIOCARE
MEDICAL



NEOPATH^{PRO}

The NeoPATH Pro simplifies high-volume laboratory workflows by integrating advanced features - including a 42-slide and 56-reagent capacity, continuous and random access capabilities, and real-time data tracking - into one powerful platform for IHC, ISH, and FISH. Developed with firsthand lab insights, it delivers exceptionally clear, crisp staining while maximizing throughput. Whether placed on a bench or freestanding, the NeoPATH Pro helps your team work smarter, and faster - setting a new standard in automated staining technology.



Pro Performance For Your Laboratory



High Capacity

For Even The Most Demanding Laboratories

The NeoPATH Pro maximizes investment, delivering 20-40% more slides per run—over 10,000 annually. This IVD-labeled platform performs IHC, ISH, FISH, IF, and CISH in a benchtop or freestanding design. It processes up to 42 randomized slides in approximately 3 hours. With 56 temperature controlled reagent positions (18°C-22°C), it minimizes evaporation, extends reagent life, and reduces intervention for greater efficiency.



Innovative Technologies

Maximize Your Productivity

The system includes a state-of-the-art camera, QR code scanning for sample tracking, and AI tissue detection for optimized assays. Ultra-fine reagent dispensing is achieved with the Wash Buffer Probe and Neo Blade, while the Reagent Pipette and Bulk Reagent Comb system accelerates turnaround. A dedicated Cleaning Solution Probe and automated cleaning cycle ensures easy care and maintenance.



Ease of Use/User Interface

Making Your Lab Life Simple

The NeoPATH Pro interface enhances traceability and usability, minimizing technician time while ensuring full reagent and lot tracking. Integrated slide scanning and LIS/LIMS compatibility streamline workflows, while multi-instrument management enables centralized control for greater efficiency and quality assurance.



Biocare Optimized Reagents

NeoPATH Pro Specific Reagents

Biocare reagents, optimized for NeoPATH Pro, ensure exceptional staining for diverse labs and tissue types. CoverGuard eliminates covertile accessories, while pre-optimized IHC reagents streamline workflows. User-fillable vials support third-party antibodies, and intuitive protocols simplify staining for high-volume clinical labs.





Instrument Information	Product Code	Description	Quantity
NeoPATH Pro Automated Stainer	NPP0001	Bench Top Instrument	1 Unit
NeoDock	NPP20169	Instrument Accessory	1 Unit

Ancillary Reagents	Product Code	Description	Quantity
Dewax Solution	NPRI10001T280	Bulk Reagent	2 Litre Bottle (2000 mL)
Cover	NPRI10002T1300	Bulk Reagent	2 Litre Bottle (2000 mL)
High-AR	NPRI10003L2T2250	Bulk Reagent	2 Litre Bottle (2000 mL)
Low-AR	NPRI10004L2T50	Bulk Reagent	50 Milliliter Vial (50 mL)
DAB Enhancer	NPRI10005L2T3600	Bulk Reagent	2 Litre Bottle (2000 mL)
Contrast Hematoxylin HDH3	NPRI10006L2T3600	Bulk Reagent	2 Litre Bottle (2000 mL)
Cleaning Solution 10X	NPRI10008MMT84	Cleaning Solution 10X Concentrate	1 Litre Bottle (1000 mL)
TBS Tween 20 Buffer 10X	NPRI10007MMT84	Wash Buffer 10X Concentrate	1 Litre Bottle (1000 mL)
Master Polymer Plus Detection System	NPRI10010KT135	HRP Detection Reagent	1 Kit
NeoPATH Pro Universal AP Polymer Kit	NPRI10027KT135	AP Detection Reagent	1 Kit
NeoPATH Pro Background Punisher	NPRI10029T40	Ancillary Reagent	T40
NeoPATH Pro Universal Negative Control Serum	NPRI10028T40	Ancillary Reagent	T40
NeoPATH Pro Pepsin	NPRI10030T40	Ancillary Reagent	T40

Accessory Products	Product Code	Description	Quantity
Probe Cleaning Kit	NPRI10009KC10	Cleaning Solution	1 Kit
Mixing Tubes	NPP20001	Accessory	100 Vials (15 mL each)
Labels for VS	NPP20002	Accessory	900 Labels
Printer Ribbons for VS	NPP20003	Accessory	1 Ribbon
Empty Vials 15mL	NPP20170H	Accessory	25 Vials
Empty Vials 50mL	NPP20171H	Accessory	25 Vials
Empty Vials 2.5mL	NPP20172H	Accessory	25 Vials

Ready To Use Antibodies	Product Code	Packaging (No. of Tests)
Arginase -1	NPAI3058	T40
BCL2	NPAI003	T40 & T80
BCL6 [LN22]	NPAI410	T40
Ber-EP4	NPAI107	T40 & T80
C-erbB-2/HER2	NPAA342	T40 & T80
c-Myc	NPAI415	T40
Calretinin	NPAI092	T40
CD10	NPAI129	T40 & T80
CD117/c-kit	NPAI296	T40
CD138	NPAI167	T40
CD163	NPAI353	T40
CD20 [L26]	NPAI004	T40 & T80
CD3 [LN10]	NPAI3152	T40
CD3 T-Cell (M)	NPAI110	T40 & T80
CD34	NPAI084	T40 & T80
CD56	NPAI164	T40 & T80
CD68 [KP1]	NPAI033	T40 & T80
CD71	NPAI3110	T40
CD99	NPAI392	T40
CDX2	NPAI226	T40 & T80
Chromogranin A	NPAI010	T40
Claudin-4	NPAI3121	T40 & T80
Cyclin D1	NPAI307	T40
Cytokeratin HMW [34BE12]	NPAI127	T40 & T80
Cytokeratin 20 (CK20)	NPAI062	T40 & T80
Cytokeratin 5/6 (CK5/6)	NPAI105	T40 & T80
Cytokeratin 7 (CK7)	NPAI061	T40
Cytokeratin LMW (8/18)	NPAI056	T40 & T80
Cytomegalovirus	NPAA118	T40
D2-40 (Lymphatic Marker)	NPAI266	T40
Desmoglein-3	NPAI419	T40
E-Cadherin	NPAI170	T40
ERG	NPAI421	T40
Estrogen Receptor (ER) [SP1]	NPAA301	T40 & T80
Factor XIIIa	NPAI357	T40
GATA-3	NPAI405	T40 & T80

Ready To Use Antibodies	Product Code	Packaging (No. of Tests)
Glypican-3	NPAI396	T40
Helicobacter pylori	NPAI383	T40 & T80
HMB45	NPAI057	T40
HMW & p63 CK Cocktail	NPAI210	T40
Ki-67	NPAI325	T40 & T80
Ki-67 [MIB-1]	NPAI3156	T40 & T80
LCA Cocktail	NPAI016	T40 & T80
MART-1 Cocktail	NPAI077	T40 & T80
MCM2 + TOP2A	NPAI3181	T40 & T80
Microphthalmia Transcription Factor (MitF)	NPAI423	T40 & T80
MLH-1	NPAI220	T40 & T80
MOC-31	NPAI403	T40
MSH2	NPAI219	T40 & T80
MSH6	NPAI265	T40 & T80
MUM1	NPAI352	T40
Napsin A	NPAI388	T40 & T80
NKX3.1	NPAI422	T40
p120 Catenin	NPAI3008	T40
p16 INK4a [BC42]	NPAI3231	T40 & T80
p40 (M)	NPAI3066	T40 & T80
P504S (P)	NPAA200	T40 & T80
p53 Tumor Suppressor Protein (M)	NPAI042	T40
p63	NPAI163	T40 & T80
Pan Cytokeratin (AE1-AE3)	NPAI011	T40 & T80
PAX-5	NPAI207	T40
PAX8 (M)	NPAI438	T40 & T80
PMS2	NPAI344	T40 & T80
PRAME [EPR20330]	NPAI3252	T40 & T80
Progesterone Receptor (PR) [16]	NPAA424	T40
Prostate Specific Antigen (PSA)	NPAI390	T40
S100 Protein [4C4.9](M)	NPAI3237	T40 & T80
Smooth Muscle Actin (SMA)	NPAI001	T40 & T80
Smooth Muscle Myosin	NPAI420	T40
SOX10	NPAI3099	T40 & T80
Synaptophysin	NPAI371	T40
TIA-1	NPAI130	T40

Ready To Use Antibodies	Product Code	Packaging (No. of Tests)
Treponema pallidum (Spirochete)	NPAA135	T40
TTF-1	NPAI087	T40 & T80
Uroplakin II	NPAI3051	T40 & T80
WT1 [rWT1/857]	NPAI3238	T40

Ready To Use FISH Probes	Product Code	Packaging (No. of Tests)
19p19q FISH Probe	19P19Q-30-GO-R-NP	T30
ALK Break Apart FISH Probe	ALKBA-30-OG-R-NP	T30
Barrett's Esophagus FISH Probe	BARKIT-30-ARGK-R-NP	T30
BCL2 Break Apart FISH Probe	BCL2BA-30-OG-R-NP	T30
BCL6 Break Apart FISH Probe	BCL6BA-30-GO-R-NP	T30
CCND1 Break Apart FISH Probe	CCND1BA-30-GO-R-NP	T30
CytoFISH Multiplex FISH Probe	CYTOFISH-30-RAOG-R-NP	T30
DDIT3 Break Apart FISH Probe	DDIT3BA-30-GO-R-NP	T30
EGFR/CON7 FISH Probe	EGFR-CHR07-30-OG-R-NP	T30
ERBB2/CON17 FISH Probe	ERBB2-CHR17-30-OG-R-NP	T30
EWSR1 Break Apart FISH Probe	EWSR1BA-30-OG-R-NP	T30
FOXO1 Break Apart FISH Probe	FOXO1BA-30-GO-R-NP	T30
FUS Break Apart FISH Probe	FUSBA-30-GO-R-NP	T30
IGH Break Apart vC FISH Probe	IGHBA-VC-30-OG-R-NP	T30
MALT1 Break Apart FISH Probe	MALT1BA-30-OG-R-NP	T30
MDM2/CON12 FISH Probe	MDM2-CHR12-30-OG-R-NP	T30
Melanoma FISH Probe	MELKIT-30-RKAG-R-NP	T30
MET/CON7 FISH Probe	MET-CHR07-30-OG-R-NP	T30
MYC Break Apart FISH Probe	MYCBA-30-OG-R-NP	T30
MYC/CON8 FISH Probe	MYC-CHR08-30-OG-R-NP	T30
NECTIN4/CON1 FISH Probe	NECTIN4-CHR01-30-OG-R-NP	T30
RET Break Apart FISH Probes	RETBA-30-OG-R-NP	T30
ROS1 Break Apart FISH Probe	ROS1BA-30-GO-R-NP	T30
SS18 Break Apart FISH Probe	SS18BA-30-GO-R-NP	T30
TFE3 Break Apart FISH Probe	TFE3BA-30-GO-R-NP	T30
TFEB Break Apart FISH Probe	TFEBBA-30-OG-R-NP	T30
TPRG1L/ABL2 FISH Probe	TPRG1L-ABL2-30-OG-R-NP	T30



System Specifications

Applications	IHC, ISH, FISH
Slide Capacity	42 Slides
Reagent Rack	7 Reagent Racks, each consists of 8 Vials (Total 56 vials)
Bulk Reagents	6 Bulk Containers (Max volume: 2000 mL each)
Carboys & Waste separation	Wash Buffer (25 L), Cleaning Solution (25 L) Waste separation: Hazardous waste (25 L) and Non-Hazardous waste (25 L)
Antigen Retrieval Temperature Range	25°C to Max 115°C at Sea Level
Reagent Capacity	2.5 mL, 15 mL, 50 mL
Syringe Capacity	5 mL
Dispense Volume	25 uL minimum - 5 mL maximum
Unit Control	One Instrument Per Computer
Instrument Weight	330.70 lbs (150 kg)
Instrument Weight (with Dock Accessory)	573.20 lbs (260 kg)
Instrument Dimensions	(Door Closed - W x H x D) 54.33 in x 31.49 in x 29.52 in / 138 cm x 80 cm x 75 cm (Door Open - W x H x D) 54.33 in x 51.18 in x 29.52 in / 138 cm x 130 cm x 75 cm (Setup space with PC) W 77.95 in / W 198 cm
Instrument Dimensions (with Dock Accessory)	(Door Closed - W x H x D) 55.16 in x 64.25 in x 29.53 in / 140.20 cm x 163.20 cm x 75 cm (Door Open - W x H x D) 55.16 in x 82.70 in x 29.53 in / 140.20 cm x 210 cm x 75 cm (Setup space with PC) W 78.78 in / W 200.20 cm
Electrical Requirements	Voltage : 100 – 240 VAC Frequency: 50 – 60 Hz
UPS Requirements	120VAC UPS: Power Capacity (VA): 1500 VA - Voltage Required: AC 100/110/120 V 220VAC UPS: Power Capacity (VA): 2000 VA - Voltage Requirements: 220/230/240 VAC
Noise Rating	60 dBA at 1.5 Meter Distance
Reports	Slide QR Code, Patient Information, Staining Runs
LIS	HL7 Server Connection
Reagent Rack Temperature	18 - 22°C
Programmable Delayed Start	Up to 48 hours
Operating Conditions	5 - 32°C
Operating Process	Continuous, Random Loading & Unloading
Antibodies	Pre-optimized, Ready-to-use antibodies. Open reagent containers available for antibodies



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