

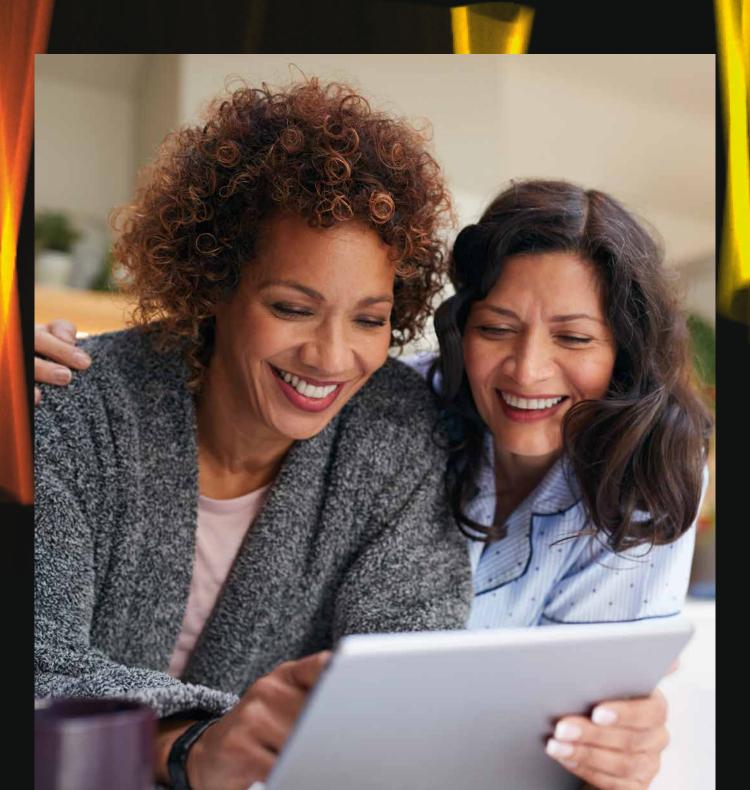
BioSystems

Accuracy and effectiveness

Immunofluorescence Processor

Clinical analysis - Autoimmunity

human - centred biotech



Improved to work more and better in less space.



Making your lab bigger



Smart your workflow

Save time for what is important by processing more samples in a single load and removing them after dilutions. The iPRO next generation is more autonomous than ever.



Expanse your lab

Optimize your lab capacity with the new compact and cost-effective design. More functionalities in a smaller device.



Trace your samples

Have an automated and complete register of the samples. Full traceability from start until the end of the procedure avoiding handling errors and speed up your work sessions.

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User co-designed software

Your feedback is decisive for us. Make your lab routine easier and faster by using our user co-developed software layout. All the IFA steps shown in a single screen.

Technical Specifications

Highlights

- Adaptable racks to 3 sample tube types (13 mm x 75 mm, 15 mm x 100 mm or 2 mL).
- 2 dilution trays of 96 vials (1.1 mL).
- 2 slide plates (16 slides).
- Capacity for up to 10 reagents (15 mL), 18 controls (2 mL), 1 additional diluent.
- Reagents reservoirs: 1 L washing solution bottle, 3 L waste bottle, 3 L buffer bottle.
- Needle with conductimetric level detector.
- Slide washing flux system utilizing simultaneous dispensing and aspirating probes.
- On-board automatic barcode reader.

Information

Item	Code	Quantity
iPRO processor	84101	-
PBS (10x)	44592	100 mL
PBS (10x)	44962	500 mL
Concentrated washing solution	BO13416	100 mL
iPRO dilution tubes (1.1 mL)	AC14682	120 strips

775 mm







550 mm

Clinical analysis

Volume and weight		
Dimensions - lid closed (WxDxH)	775 x 620 x 550 mm	
Dimensions - lid open (WxDxH)	775 x 720 x 885 mm	
Weight (net)	83 Kg	
Operating environment		
Temperature	10 - 35 °C	
Humidity	< 75 %	
Power requirement	115 - 230 VAC, 50/60 Hz, 150 VA	
Processing		
Traceability	Linear barcode reader	
Sample capacity	66 samples	
Sample tubes	Adaptable to 3 types	
Minimum sample volume	3 µL	
Minimun pipetting volume	1 µL steps	
Control tubes	2 mL or 0.3 mL	
Control capacity	18 controls	
Reagents capacity	5 bottles (up to 10)	
Reagents volume	25 μl minimum by steps of 1 μl	
Diluent cuvettes	2 (192 vials of 1.1 mL)	
Needles	2 (1 dispensation needle + 1 aspiration needle)	
Slides capacity	16 slides	
Slide washing	Flux system using simultaneously dispensing and aspirating probes	
External tanks	3 L PBS, 1 L washing solution, 3 L waste	
Liquid detection	Level detection by conductivity	
Ассигасу		
Precision and accuracy	< 1% at 3 µL	
Resolution	0.126 µL	
Dispensing rate	Max. 880 µL/s	
Minimum PC requirements		
CPU	Intel Core i3 🖻 3.30 GHz or superior	
Operating system	Windows 10 64 bits (x64)	
Installed RAM	6 Gbytes	
Display resolution	Monitor SVGA, 1280x800	
Connectivity	USB	
Certificates		
CE	98/79/CE	



Reagents

ANTI-NUCLEAR ANTIBODIES HEp-2 (ANA-HEp-2) HEp-2 celis HEp-2 celis Silde box, 6 wells Silde box, 7 wells ANTI-nDNA ANTIBODIES (nDNA) ANTI-nDNA ANTIBODIES (nDNA) ANTI-NEUTROPHIL CYTOPLASMIC ANTIBODIES (ANCA) Hereita and the box, 6 wells ANTI-NEUTROPHIL CYTOPLASMIC ANTIBODIES (ANCA) 44852 10 sildes Silde box, 6 wells ANTI-NEUTROPHIL CYTOPLASMIC ANTIBODIES (ANCA) 44852 10 sildes Silde box, 6 wells Formalin fixed ANCA 44878 10 sildes Silde box, 6 wells ANTI-ENDOMYSIUM ANTIBODIES (AEA) ANTI-ENDOMYSIUM ANTIBODIES (AEA) ANTI-ENDOMYSIUM ANTIBODIES (AEA) AUTOANTIBODIES RL/RK/RS (ANA-AMA-ASMA-APCA-LKM) Rat Liver/Kidney/Stomach 44557 12 sildes Silde box, 8 wells AUTOANTIBODIES RL/RK/RS (ANA-AMA-ASMA-APCA-LKM) Rat Liver/Kidney/Stomach 44539 12 sildes Silde box, 8 wells AUTOANTIBODIES MsL/MsK/MsS (ANA-AMA-ASMA-APCA-LKM) Muse Liver/Kidney/Stomach 44527 12 sildes Silde box, 8 wells AUTOANTIBODIES MsL/MsK/MsS (ANA-AMA-ASMA-APCA-LKM) Muse Liver/Kidney/Stomach 44527 12 sildes Silde box, 4 wells Silde box, 4 wells AUTOANTIBODIES MsL/MsK/MSS (ANA-AMA-ASMA-APCA-LKM) Mouse Liver/Kidney/Stomach 44529 12 sildes Silde box, 4 wells Silde box, 4 wells AUTOANTIBODIES MsL/MsK/MSS (ANA-AMA-ASMA-APCA-LKM) Mouse Liver/Kidney/Stomach 44529 12 sildes Silde box, 4 wells Silde box, 4 wells AUTOANTIBODIES MsL/MsK/MSS (ANA-AMA-ASMA-APCA-LKM) Monkey Kidney 44588 12 sildes Silde box, 4 wells ANTI-ADRENAL CORTEX ANTIBODIES (GBMA) Monkey Kidney 44574 12 sildes Silde box, 4 wells ANTI-ADRENAL CORTEX ANTIBODIES (ASMA) ANTI-STRIATED MUSCLE ANTIBODIES (ASCA) ANTI-STRIATED MUSCLE ANTIBODIES (ASCA) ANTI-STRIA	Code	Quantity	Description
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44574 12 slides Slide box, 4 wells ANTI-STRIATED MUSCLE ANTIBODIES (AStMA) Rat Striated Muscle 44649 12 slides Slide box, 4 wells ANTI-ISLET CELL ANTIBODIES (AICA) Monkey Pancreas	ANTI-ADRENAL CORTEX ANTIBODIES (A	AACA)	
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44649 12 slides Rat Striated Muscle ANTI-ISLET CELL ANTIBODIES (AICA) Slide box, 4 wells	44574	12 slides	Slide box, 4 wells
44649 12 slides Slide box, 4 wells ANTI-ISLET CELL ANTIBODIES (AICA) Monkey Pancreas	ANTI-STRIATED MUSCLE ANTIBODIES (AStMA)	
ANTI-ISLET CELL ANTIBODIES (AICA) Monkey Pancreas			
Monkey Pancreas	44649	12 slides	Slide box, 4 wells
	ANTI-ISLET CELL ANTIBODIES (AICA)		
44572 12 slides Slide box, 4 wells			
	44572	12 slides	Slide box, 4 wells

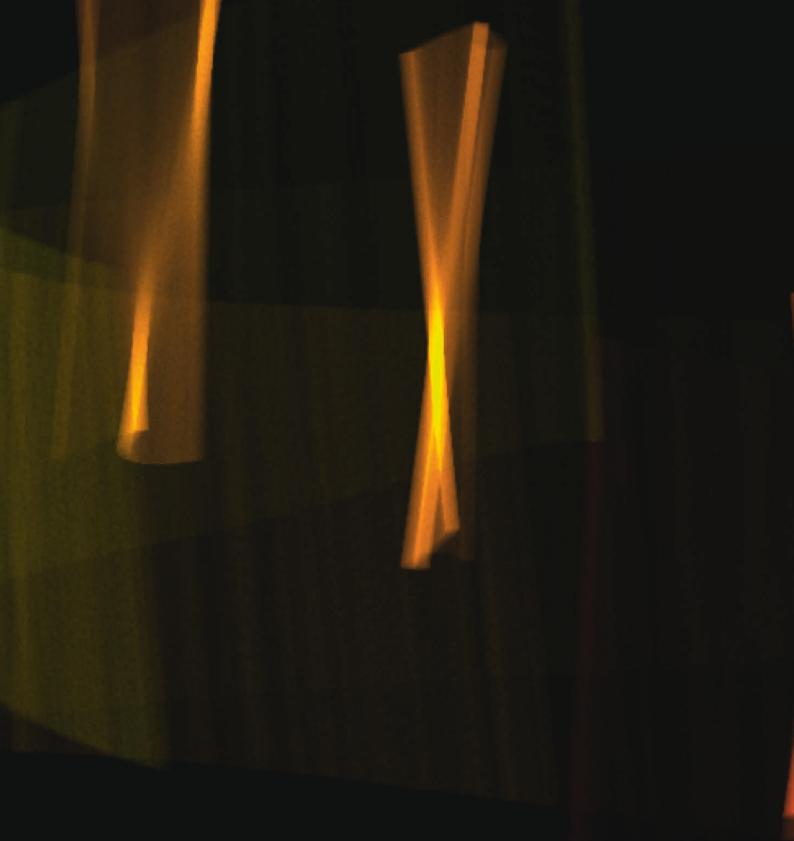
Code	Quantity	Description
ANTI-THYROID ANTIBODIES (ATA)		
		Monkey Thyroid
44551	12 slides	Slide box, 4 wells
ANTI-SKIN ANTIBODIES (ASA)		
		Monkey Esophagus
44561	12 slides	Slide box, 4 wells
ANTI-KERATIN ANTIBODIES (AKA)		
		Rat Esophagus
44517	12 slides	Slide box, 4 wells
AUTOANTIBODIES DUO		
		HEp-2/Monkey Liver
44874	60 tests	Slide box, 6 wells

Controls*

Code	Quantity	Description
0000	Quantity	Description
44696	0.3 mL	Negative Control
44889	2.0 mL	Negative Control
44502	0.3 mL	Anti-Nuclear Antibodies-Homogeneous Positive Control
44890	2.0 mL	Anti-Nuclear Antibodies-Homogeneous Positive Control
44585	0.3 mL	Anti-Nuclear Antibodies-Centromere Positive Control
44504	0.3 mL	Anti-Nuclear Antibodies-Nucleolar Positive Control
44503	0.3 mL	Anti-Nuclear Antibodies-Speckled Positive Control
44549	0.3 mL	Anti-Endomysium Antibodies IgA Positive Control
44893	2.0 mL	Anti-Endomysium Antibodies IgA Positive Control
44732	0.3 mL	Anti-Endomysium Antibodies IgG Positive Control
44512	0.3 mL	Anti-Mitochondrial Antibodies Positive Control
44891	2.0 mL	Anti-Mitochondrial Antibodies Positive Control
44522	0.3 mL	Anti-Smooth Muscle Antibodies Positive Control
44892	2.0 mL	Anti-Smooth Muscle Antibodies Positive Control
44553	0.3 mL	Anti-Thyroid Antibodies Positive Control
44542	0.3 mL	Anti-nDNA Antibodies Positive Control
44894	2.0 mL	Anti-nDNA Antibodies Positive Control
44854	0.3 mL	C-ANCA Positive Control
44912	2.0 mL	C-ANCA Positive Control
44855	0.3 mL	P-ANCA Positive Control
44913	2.0 mL	P-ANCA Positive Control

Conjugates

Code	Quantity	Description
For Monkey tissues		
IgG FITC/Evans (M)		
44882	10 mL	Anti-(Monkey adsorbed) IgG FITC conjugate, contains Evans Blue. For use with GBMA, AICA, ATA, ASA and AACA.
IgG FITC/Evans (M) hs		
44915	10 mL	High sensitive Anti-(Monkey absorbed) IgG FITC conjugate, contains Evans Blue. For use with AEA.
IgA FITC/Evans 44835	10 mL	Anti-IgA FITC conjugate, contains Evans Blue. For use with AEA.
For Rat and Mouse tissues		
FITC/Evans (R)		
44836	10 mL	Anti-(Rat adsorbed) lgG, lgA, lgM FITC Conjugate, contains Evans Blue. For use with ANA, AMA, ASMA, APCA and LKM.
For HEp-2, nDNA, ANCA, and r	at and mou	use tissues
IgG FITC/Evans		
44834	10 mL	Anti-IgG FITC conjugate, contains Evans Blue. For use with HEp- 2, nDNA, ANCA, AStMA, AKA, ANA, AMA, ASMA, APCA and LKM.
Auxiliary Reagents		
Miscellaneous		
44592	100 mL	PBS (10x)
44962	500 mL	PBS (10x)
44694	3 mL	Mounting medium
44846	10 mL	Glycin (for GBMA)
44897	100 u.	Coverslips (24 x 60 mm)





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Management System ISO 9001:2015 ISO 13485:2016

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