

BioSystems

Autoimmunity product list

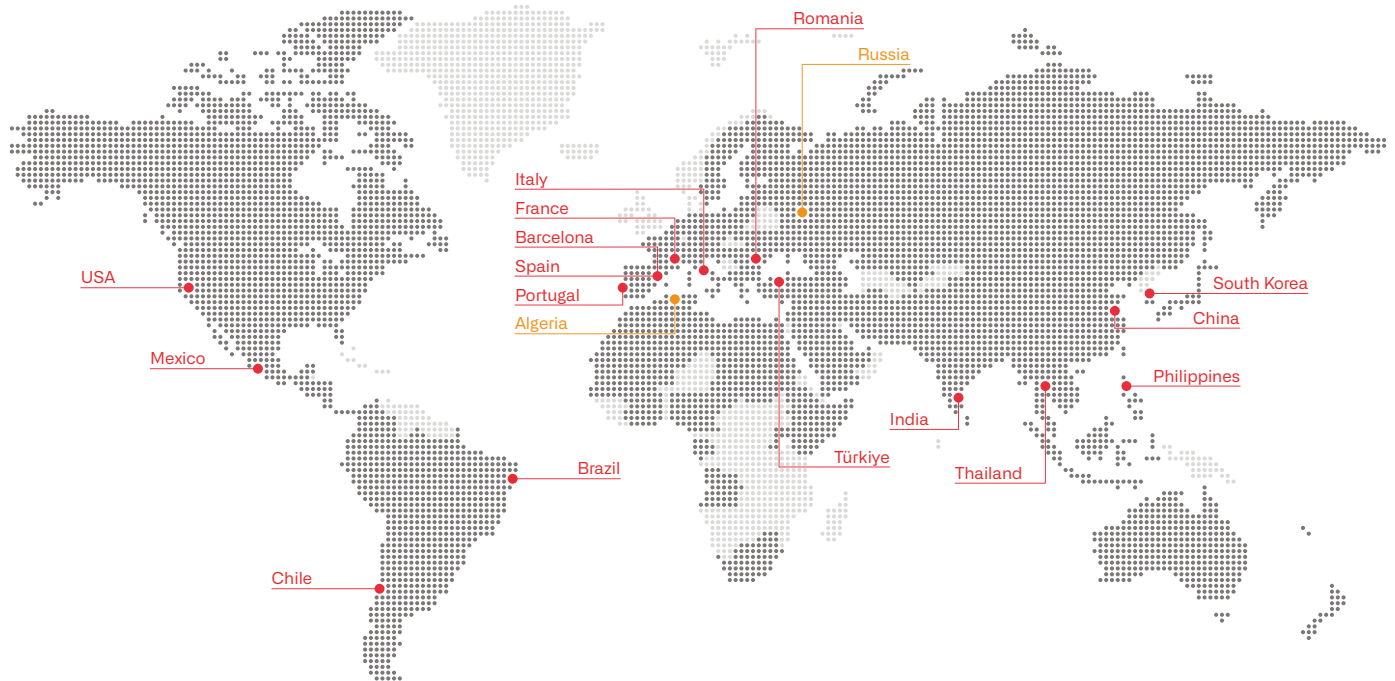
Clinical analysis

human - centred biotech



A global
biotechnology
company
that develops
analytical
solutions in the
way you need.

+40 years offering quality products



Argentina
Brazil
Chile
China
France
India
Italy
Korea
Mexico
Philippines
Portugal
Romania
Russia
Spain
Thailand
Türkiye
USA

+100 Markets with
distributor partners

25K Users served

+780 People in 17 countries

02 Manufacturing sites

45K Analysers over 40 years

Summary

Devices 7

BioSystems iPRO	8
BioSystems imLD	10

Reagents 12

Benefits of our reagents	13
Immunofluorescence tests	14
Conjugates	16
Controls	17
ELISA	18

Prevecal 20

External quality control	21
--------------------------	----



Devices



BioSystems iPRO

Immunofluorescence Processor

Improved to work more and better in less space.

Highlights

- Adaptable racks to 3 sample tube types (13 mm x 75 mm, 15 mm x 100 mm or 2 mL).
- 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 and Data-matrix reader.

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

Dimensions





Years of experience developing our own fluorescence module

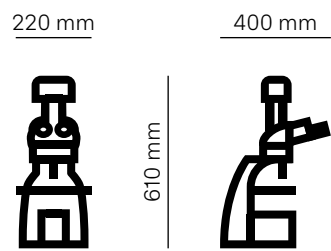
Highlights

- Optical system infinity-corrected plan objectives (10x/0.25, 20x/0.40, 40x/0.65 and 100x/1.25).
- High power blue LED fluorescence light (470-480 nm).
- Automatic light switch-off thanks to the iCare function.
- High speed camera: with sCMOS Sony sensor and high speed USB 3.0 connection.
- Intuitive and user-friendly software.

Item	Code
imLD (optical microscope, fluorescence module, trinocular head)	84201
Trinocular head	AC17455
Digital camera	AC17454
Fluorescence module	AC17462
10x/0.25 objective	AC17540
20x/0.40 objective	AC17541
40x/0.65 objective	AC17542
100x/1.25 objective*	AC17543

* This item is not included in the 84201 code and should be order separately.

Dimensions







Reagents



Benefits of our reagents

Optimize your workflow

Enhance efficiency and streamline your workflow. With multiple presentations and volumes available, our ready-to-use reagents easily adapt to your needs. Enjoy the convenience of extended shelf life (up to 36 months) and high on-board stability, allowing you to optimize your processes and save valuable time.

Reduce risks, ensure results

For our user's convenience, our reagents are automated to our systems, which means that are easy to handle. All our assays are also validated according to reference methods and using different sample types, offering excellent accuracy and more reliable patient results.

Systemic solutions

We seek to offer a complete solution to our users. By using our reagents together with our analysers and processors, optimal results are guaranteed. Standards and controls traceable to reference materials are available for all Clinical Biochemistry tests and most Autoimmune tests.

Get advice and support

We offer additional material as brochures, scientific articles, technical sheets, and technical support for all our reagents. Improve the patient care with all the help and advice tools provided by BioSystems.

Expand your biochemistry special tests panel

Our large special tests panel allows the evaluation of very specific parameters which, by their nature, are useful to the clinical specialist for differential diagnosis or monitoring of various uncommon pathological conditions. Find the whole panel inside.

Facilities and assistance through the process

Ease your diagnostic routine with our complete portfolio of products and the automation system that matches your needs. Altogether, it allows you to perform the diagnosis of the most prevalent and relevant diseases.

Immunofluorescence tests

Code	Quantity	Description
ANTI-NUCLEAR ANTIBODIES HEp-2 (ANA-HEp-2)		
		HEp-2 cells
44108	24 tests	Complete kit, 6 wells
44508	60 tests	Complete kit, 6 wells
44509	120 tests	Complete kit, 12 wells
44546	10 slides	Slide box, 6 wells
44547	10 slides	Slide box, 12 wells
ANTI-nDNA ANTIBODIES (nDNA)		
		Crithidia luciliae
44825	24 tests	Complete kit, 6 wells
44818	60 tests	Complete kit, 6 wells
44817	120 tests	Complete kit, 12 wells
44820	10 slides	Slide box, 6 wells
44819	10 slides	Slide box, 12 wells
ANTI-NEUTROPHIL CYTOPLASMIC ANTIBODIES (ANCA)		
		Ethanol fixed ANCA
44850	24 tests	Complete kit, 6 wells
44851	60 tests	Complete kit, 6 wells
44852	10 slides	Slide box, 6 wells
		Formalin fixed ANCA
44878	10 slides	Slide box, 6 wells
44898	60 tests	Complete kit, 6 wells
ANTI-ENDOMYSIUM ANTIBODIES (AEA)		
		Monkey Oesophagus (Endomysium)
44548	48 tests	Complete kit, 4 wells
44715	96 tests	Complete kit, 8 wells
44557	12 slides	Slide box, 4 wells
44710	12 slides	Slide box, 8 wells
AUTOANTIBODIES RL/RK/RS (ANA-AMA-ASMA-APCA-LKM)		
		Rat Liver/Kidney/Stomach
44558	48 tests	Complete kit, 4 wells
44648	96 tests	Complete kit, 8 wells
44570	12 slides	Slide box, 4 wells
44639	12 slides	Slide box, 8 wells
AUTOANTIBODIES MsL/MsK/MsS (ANA-AMA-ASMA-APCA-LKM)		
		Mouse Liver/Kidney/Stomach
44826	12 slides	Slide box, 4 wells
44827	12 slides	Slide box, 8 wells
GLOMERULAR BASEMENT MEMBRANE ANTIBODIES (GBMA)		
		Monkey Kidney
44588	12 slides	Slide box, 4 wells
ANTI-ADRENAL CORTEX ANTIBODIES (AACA)		
		Monkey Adrenal
44575	48 tests	Complete kit, 4 wells*
44574	12 slides	Slide box, 4 wells

Code	Quantity	Description
ANTI-STRIATED MUSCLE ANTIBODIES (AStMA)		
44649	12 slides	Rat Striated Muscle Slide box, 4 wells
ANTI-ISLET CELL ANTIBODIES (AICA)		
44609	48 tests	Monkey Pancreas Complete kit, 4 wells*
44572	12 slides	Slide box, 4 wells
ANTI-THYROID ANTIBODIES (ATA)		
44550	48 tests	Monkey Thyroid Complete kit, 4 wells*
44551	12 slides	Slide box, 4 wells
ANTI-SKIN ANTIBODIES (ASA)		
44560	48 tests	Monkey Esophagus Complete kit, 4 wells*
44561	12 slides	Slide box, 4 wells
ANTI-KERATIN ANTIBODIES (AKA)		
44618	48 tests	Rat Esophagus Complete kit, 4 wells*
44517	12 slides	Slide box, 4 wells
TISSUE SLIDES FOR RESEARCH USE ONLY (RUO)		
44571		Monkey Heart
44573		Monkey Ovary
44685		Monkey Sciatic Nerve
44684		Monkey Cerebellum
44589		Monkey Hypophysis
44688		Monkey Jejunum
44638		Monkey Submaxillary
44566		Monkey Testicle
44567		Monkey Hypothalamus
44725		Monkey Hippocampus
44683		Monkey Optic Nerve

Conjugates

Code	Quantity	Description
For Monkey tissues		
IgG FITC/Evans (M)		
44847	3.5 mL	Anti-(Monkey adsorbed) IgG FITC conjugate, contains Evans Blue.
44882	10 mL	For use with GBMA, AICA, ATA, ASA and AACA.
IgG FITC/Evans (M) hs		
44914	3.5 mL	High sensitive Anti-(Monkey absorbed) IgG FITC conjugate, contains Evans Blue.
44915	10 mL	For use with AEA.
IgA FITC/Evans		
44692	3.5 mL	Anti-IgA FITC conjugate, contains Evans Blue.
44835	10 mL	For use with AEA.
For Rat and Mouse tissues		
FITC/Evans (R)		
44590	3.5 mL	Anti-(Rat adsorbed) IgG, IgA, IgM FITC Conjugate, contains Evans Blue.
44836	10 mL	For use with ANA, AMA, ASMA, APCA and LKM.
For HEp-2, nDNA, ANCA and Rat and Mouse tissues		
IgG FITC/Evans		
44697	3 mL	Anti-IgG FITC conjugate, contains Evans Blue.
44834	10 mL	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)

Controls

Code	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

ELISA

Code	Quantity	Description
ANA-SCREENING		
44785	96 tests	Purified SSA(Ro), SSB(La), Sm/RNP, RNP (70, A and C), Sm, Scl70, Jo1, dsDNA, ssDNA, nucleosomes, total histones, PMScl 100, Centromere B
ENA 6-SCREENING		
44740	96 tests	SSA (Ro), SSB (La), Sm, Sm/RNP, Jo1, Scl70
ANTI-Sm ANTIBODIES		
44755	96 tests	Highly purified human antigen
ANTI-Sm/RNP ANTIBODIES		
44770	96 tests	Highly purified human antigen
ANTI-SSA (Ro) ANTIBODIES		
44765	96 tests	Highly purified antigen
ANTI-SSB (La) ANTIBODIES		
44750	96 tests	Highly purified antigen
ANTI-CENTROMERE B ANTIBODIES (CENP-B)		
44865	96 tests	Recombinant antigen
ANTI-Jo1 ANTIBODIES		
44864	96 tests	Highly purified antigen
ANTI-Scl70 ANTIBODIES		
44863	96 tests	Highly purified antigen
ANTI-HISTONES ANTIBODIES (HIST)		
44862	96 tests	Highly purified antigen
ANTI-NUCLEOSOME ANTIBODIES (NCL)		
44861	96 tests	Purified antigen
ANTI-dsDNA ANTIBODIES		
44705	96 tests	Calf thymus antigen
ANTI-CITRULLINATED PROTEIN ANTIBODIES (ACPA)		
44860	96 tests	Highly purified antigen
ANTI-CARDIOLIPIN ANTIBODIES (ACA-IgG/IgM)		
44780	96 tests	Highly purified antigen
ANTI-PHOSPHOLIPID ANTIBODIES IgG/IgM (APLA)		
44867	96 tests	Mixture of cardiolipin, phosphatidyl serine, phosphatidyl inositol, phosphatidic acid and human β 2-Glycoprotein 1
ANTI-β2-GLYCOPROTEIN 1 ANTIBODIES IgG/IgM (β2-GP1)		
44868	96 tests	Highly purified antigen
ANTI-ANNEXIN V ANTIBODIES IgG/IgM (ANX)		
44869	96 tests	Highly purified antigen

Code	Quantity	Description
ANTI-PR3 ANTIBODIES		
44791	96 tests	Purified human antigen
ANTI-MPO ANTIBODIES		
44790	96 tests	Purified human antigen
ANTI-GLOMERULAR BASEMENT MEMBRANE ANTIBODIES (GBM)		
44870	96 tests	Highly purified antigen
ANTI-t TRANSGLUTAMINASE IgA ANTIBODIES (Anti-tTG IgA)		
44754	96 tests	Recombinant human antigen activated by calcium and gliadin
ANTI-t TRANSGLUTAMINASE IgG ANTIBODIES (Anti-tTG IgG)		
44798	96 tests	Recombinant human antigen activated by calcium and gliadin
ANTI-DEAMIDATED GLIADIN (DGP-IgG)		
44884	96 tests	Synthetic deamidated gliadin
ANTI-DEAMIDATED GLIADIN (DGP-IgA)		
44885	96 tests	Synthetic deamidated gliadin
ANTI-SACCHAROMYCES CEREVISIAE ANTIBODIES IgG/IgA (ASCA)		
44872	96 tests	Highly purified mannan from <i>Saccharomyces cerevisiae</i>
ANTI-THYROGLOBULIN ANTIBODIES (anti-TG)		
44796	96 tests	Highly purified human antigen
ANTI-INSULIN ANTIBODIES		
44873	96 tests	Mixture of recombinant and purified insulin
ANTI-M2 ANTIBODIES (M2)		
44871	96 tests	Highly purified mitochondrial M2 subtype antigen



Prevecal



External quality control

International External Quality Assessment Scheme

PREVECAL

- Yearly programme for the comparison of results between laboratories.
- Monthly and quarterly measurements of different control materials.
- The final report summarises all monthly and quarterly reports, and shows additional data on performance.
- On-line participation through www.prevecal.net.

Code	Quantity	Components
Clinical Chemistry		
PREVECAL BIOCHEMISTRY BOVINE*		
18027	12 x 5 mL	Albumin, ALP, ALT/GPT, AST/GOT, α-Amylase, Total Bilirubin, Calcium, Chloride, Cholesterol, HDL-Cholesterol, CK, Creatinine, Glucose, γ-GT, Inorganic Phosphate, Iron, Lactate**, LDH, Lipase, Magnesium, Potassium, Proteins, Sodium, Triglycerides, Urea, Uric acid and Zinc**.
PREVECAL BIOCHEMISTRY HUMAN*		
18045	12 x 5 mL	ALT, Albumin, α-Amylase, α-Amylase Pancreatic**, AST, β-Hydroxybutyrate**, Direct and Total Bilirubin, Calcium, Chloride, Cholesterol, Cholinesterase, HDL-Cholesterol, CK, Creatinine, ALP, Phosphorus, Glucose, γ-GT, Iron, Lactate**, LDH, LDL-Cholesterol, Lipase, Magnesium, Potassium, Proteins, Sodium, Triglycerides, Urea, Uric Acid and Zinc**.
PREVECAL RHEUMA*		
31009	12 x 1 mL	Anti-streptolysin O, C-reactive Protein and Rheumatoid Factors.
PREVECAL PROTEINS*		
31010	12 x 1 mL	α1-Acid Glycoprotein**, CRP-hs**, Immunoglobulins (A, G and M), Complements C3 and C4, Ferritin, Prealbumin** and Transferrin.
PREVECAL URINE**		
18067	12 x 5 mL	Albumin, α-Amylase, α-Amylase Pancreatic, Calcium, Chloride, Citrate, Creatinine, Glucose, Inorganic Phosphate, Magnesium, Potassium, Protein Urine, Sodium, Urea and Uric Acid.
PREVECAL COAGULATION**		
18082	12 x 1 mL	Fibrinogen Clauss, Prothrombin Time, Partially Activated Thromboplastin Time, Thrombin Time.

*Accredited according to ISO 17043.

** Not accredited according to ISO 17043.

Code	Quantity	Components
Autoimmunity		
PREVECAL HEp-2 IFA**		
18046	12 x 0.3 mL	Anti-HEp-2 Cells Antibodies.
PREVECAL ANCA**		
18056	4 x 0.3 mL	Anti-Neutrophil Cytoplasmic Antibodies.
PREVECAL nDNA**		
18047	12 x 0.3 mL	Anti-nDNA Antibodies.
PREVECAL CELIAC**		
18051	4 x 0.3 mL	Anti-Endomysium, Anti-tTG IgA Anti-deaminated gliadin antibodies.

All kits include general instructions.

** Not accredited according to ISO 17043.



BioS
PREVECAL
BIOCHEMISTRY
5 mL

PREVECAL
BIOCHEMISTRY HUMAN

PREVECAL
BIOCHEMISTRY HUMAN

PREVECAL
BIOCHEMISTRY HUMAN
JUN

PREVECAL
BIOCHEMISTRY HUMAN
APR

PREVECAL
BIOCHEMISTRY HUMAN
MAY

PREVECAL
BIOCHEMISTRY HUMAN
JUL

PREVECAL
BIOCHEMISTRY HUMAN
SEP

PREVECAL
BIOCHEMISTRY HUMAN
OCT

PREVECAL
BIOCHEMISTRY HUMAN
NOV

PREVECAL
BIOCHEMISTRY HUMAN
DEC

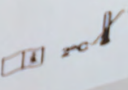
PREVECAL
BIOCHEMISTRY HUMAN
JAN

PREVECAL
BIOCHEMISTRY HUMAN

EXTERNAL QUALITY
CONTROL PROGRAM



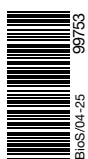
10110000000000000000
1175041200
11055418



REF 18045
BIOCHEMISTRY HUMAN

LOT 55418
Year: 2024

BioSystems



99753

BioS/04-25

BioSystems S.A.

Costa Brava 30, 08030 Barcelona (Spain)

t. +34 933 110 000

www.biosystems.global