



EUROPattern Microscope Live

IIFT product overview



**Indirect immunofluorescence tests for
live microscopy, fully automated image recording
and computer-based evaluation**

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EUROPattern Microscope Live: Autoimmune diagnostics

Order no.	Product •parameter	Substrate (species)	Ig class	Automated evaluation	Minimum No. of images
RHEUMATOLOGY					
FA 1510-1005-1 FA 1510-1010-1 FA 1510-2005-1 ¹ FA 1510-2010-1 ¹ FA 1510-12010-1 ²	IIFT Mosaic: HEp-2/Liver (Monkey) •cell nuclei (ANA)	2 BIOCHIPS per field: •HEp-2 cells (human) •liver (monkey)	IgG	+ -	1 1
FA 1510-1005-2 FA 1510-1010-2	IIFT Mosaic: HEp-2/Kidney (Rat) •cell nuclei (ANA) •mitochondria (AMA)	2 BIOCHIPS per field: •HEp-2 cells (human) •kidney (rat)	IgG	+ +	1 4
FA 1512-1005-1 FA 1512-1010-1 FA 1512-2005-1 ¹ FA 1512-2010-1 ¹ FA 1512-12010-1 ²	IIFT Mosaic: HEp-20-10/Liver (Monkey) •cell nuclei (ANA)	2 BIOCHIPS per field: •HEp-20-10 cells (human) •liver (monkey)	IgG	+ -	1 1
FA 1512-1005-2 FA 1512-1010-2	IIFT Mosaic: HEp-20-10/Kidney (Rat) •cell nuclei (ANA) •mitochondria (AMA)	2 BIOCHIPS per field: •HEp-20-10 cells (human) •kidney (rat)	IgG	+ +	1 4
FA 1520-1005 FA 1520-1010 FA 1520-2005 ¹ FA 1520-2010 ¹ FA 1520-12010 ²	IIFT: HEp-2 •cell nuclei (ANA)	1 BIOCHIP per field: •HEp-2 cells (human)	IgG	+	1
FA 1522-1005 FA 1522-1010 FA 1522-2005 ¹ FA 1522-2010 ¹	IIFT: HEp-20-10 •cell nuclei (ANA)	1 BIOCHIP per field: •HEp-20-10 cells (human)	IgG	+	1
FA 1572-1005 FA 1572-1010 FA 1572-2005 ¹ FA 1572-2010 ¹	IIFT: Crithidia luciliae (Anti-dsDNA) •dsDNA	1 BIOCHIP per field: •flagellates (<i>Crithidia luciliae</i>)	IgG	+	1
FA 1572-1005-1 FA 1572-1010-1 FA 1572-2005-1 ¹ FA 1572-2010-1 ¹	IIFT: Crithidia luciliae sensitive (Anti-dsDNA) •dsDNA (sensitive)	1 BIOCHIP per field: •flagellates (<i>Crithidia luciliae</i>)	IgG	+	1

¹Test kit formats optimised with respect to reagent volume and bottle format for automated processing using the IF Sprinter/Sprinter XL

²Test kit formats optimised with respect to reagent volume and bottle format for automated processing using the EUROLabWorkstation IFA
EOH: ethanol-fixed; HCHO: formalin-fixed



EUROPattern Microscope Live: Autoimmune diagnostics

Order no.	Product •parameter	Substrate (species)	Ig class	Automated evaluation	Minimum No. of images
VASCULITIS					
FA 1200-1005 FA 1200-1010 FA 1200-2005 ¹ FA 1200-18010 ²	IIFT: Granulocytes (EOH) •cANCA, pANCA	1 BIOCHIP per field: •granulocytes EOH (human)	IgG	+	1
FA 1201-1005 FA 1201-1010	IIFT: Granulocytes (HCHO) •cANCA, pANCA	1 BIOCHIP per field: •granulocytes HCHO (human)	IgG	+	1
FA 1201-1005-2 FA 1201-1010-2 FA 1201-2005-2 ¹ FA 1201-2010-2 ¹	IIFT: Granulocyte Mosaic 2 •cANCA, pANCA •cANCA, pANCA	2 BIOCHIPS per field: •granulocytes EOH (human) •granulocytes HCHO (human)	IgG	+	1
FA 1201-1005-13 FA 1201-1010-13 FA 1201-2005-13 ¹ FA 1201-2010-13 ¹ FA 1201-12010-13 ²	IIFT: Granulocyte Mosaic 13 •cANCA, pANCA •cANCA, pANCA •cell nuclei (ANA), cANCA, pANCA	3 BIOCHIPS per field: •granulocytes EOH (human) •granulocytes HCHO (human) •HEp-2 + granulocytes EOH (human)	IgG	+	1
FA 1201-1005-15 FA 1201-1010-15 FA 1201-2005-15 ¹ FA 1201-2010-15 ¹	IIFT: Granulocyte Mosaic 15 •cANCA, pANCA •cell nuclei (ANA), cANCA, pANCA	2 BIOCHIPS per field: •granulocytes EOH (human) •HEp-2 + granulocytes EOH (human)	IgG	+	1
FA 1201-1005-22 FA 1201-1010-22 FA 1201-2005-22 ¹	EUROPLUS Granulocyte Mosaic 22 •cANCA, pANCA •myeloperoxidase •cANCA, pANCA •proteinase 3	4 BIOCHIPS per field: •granulocytes EOH (human) •MPO EUROPLUS •granulocytes HCHO (human) •PR3 EUROPLUS	IgG	+	1
FA 1201-1005-25 FA 1201-1010-25 FA 1201-2005-25 ¹ FA 1201-2010-25 ¹	EUROPLUS Granulocyte Mosaic 25 •cANCA, pANCA •cell nuclei (ANA), cANCA, pANCA •cANCA, pANCA •glomerular basement membrane (GBM) •proteinase 3 •myeloperoxidase	6 BIOCHIPS per field: •granulocytes EOH (human) •HEp-2 + granulocytes EOH (human) •granulocytes HCHO (human) •GBM EUROPLUS •PR3 EUROPLUS •MPO EUROPLUS	IgG	+	1

¹Test kit formats optimised with respect to reagent volume and bottle format for automated processing using the IF Sprinter/Sprinter XL

²Test kit formats optimised with respect to reagent volume and bottle format for automated processing using the EUROLabWorkstation IFA

EOH: ethanol-fixed; HCHO: formalin-fixed



EUROPattern Microscope Live: Autoimmune diagnostics

Order no.	Product •parameter	Substrate (species)	Ig class	Automated evaluation	Minimum No. of images
FA 1201-1005-32	EUROPLUS Granulocyte Mosaic 32	5 BIOCHIPs per field:	IgG		
FA 1201-1010-32	•cANCA, pANCA	•granulocytes EOH (human)		+	1
FA 1201-2005-32 ¹	•cANCA, pANCA	•granulocytes HCHO (human)		+	1
FA 1201-2010-32 ¹	•cell nuclei (ANA), cANCA, pANCA	•HEp-2 + granulocytes EOH (human)		+	1
	•proteinase 3	•PR3 EUROPLUS		+	1
	•myeloperoxidase	•MPO EUROPLUS		+	1
FA 1250-1005	IIFT: Kidney (Monkey)	1 BIOCHIP per field:	IgG		
FA 1250-1010	•kidney glomeruli and tubuli	•kidney (monkey)		-	16
FA 1250-1005-1	EUROPLUS Kidney (Monkey)/GBM	2 BIOCHIPs per field:	IgG		
FA 1250-1010-1	•kidney glomeruli and tubuli	•kidney (monkey)		-	16
	•glomerular basement membrane (GBM)	•GBM EUROPLUS		-	1
HEPATOLOGY					
FA 1300-1005-1	IIFT: Liver Mosaic 1	2 BIOCHIPs per field:	IgG		
FA 1300-1010-1	•liver-kidney-microsomes (LKM), ANA	•liver (rat)		+	1
FA 1300-2005-1 ¹	•mitochondria (AMA), LKM	•kidney (rat)		+	4
FA 1300-1005-8	IIFT: Liver Mosaic 8	6 BIOCHIPs per field:	IgG		
FA 1300-1010-8	•cell nuclei (ANA)	•HEp-2 cells (human)		+	1
FA 1300-2005-8 ¹	•liver antigens, cell nuclei (ANA)	•liver (monkey)		-	1
	•LKM + mitochondria (AMA)	•kidney (rat)		+	4
	•LKM + cell nuclei (ANA)	•liver (rat)		+	1
	•smooth muscles (ASMA)	•stomach (rat)		+	16
	•F-actin	•VSM47 cells (rat)		+	1
FA 1300-1005-9	IIFT: Liver Mosaic 9	4 BIOCHIPs per field:	IgG		
FA 1300-1010-9	•LKM + mitochondria (AMA)	•kidney (rat)		+	4
	•LKM + cell nuclei (ANA)	•liver (rat)		+	1
	•smooth muscles (ASMA)	•stomach (rat)		+	16
	•F-actin	•VSM47 cells (rat)		+	1
FA 1300-1005-21	IIFT: Liver-Screen 1	4 BIOCHIPs per field:	IgG		
FA 1300-1010-21	•LKM + mitochondria (AMA)	•kidney (rat)		-	4
	•soluble liver antigen/liver-pancreas antigen (SLA/LP)	•transfected cells (EU 90)		-	4
	•LKM + cell nuclei (ANA)	•liver (rat)		-	1
	•smooth muscles (ASMA)	•stomach (rat)		-	16
FA 1302-1005-50	Anti-Soluble Liver Antigen/Liver Pancreas Antigen (SLA/LP) IIFT	2 BIOCHIPs per field:	IgG		
FA 1302-1010-50	•soluble liver antigen/liver-pancreas antigen (SLA/LP)	•transfected cells (EU 90)		-	4
		•control transfection (EU 90)		-	4

¹Test kit formats optimised with respect to reagent volume and bottle format for automated processing using the IF Sprinter/Sprinter XL

²Test kit formats optimised with respect to reagent volume and bottle format for automated processing using the EUROLabWorkstation IFA
EOH: ethanol-fixed; HCHO: formalin-fixed



EUROPattern Microscope Live: Autoimmune diagnostics

Order no.	Product •parameter	Substrate (species)	Ig class	Automated evaluation	Minimum No. of images
FA 1360-1005 FA 1360-1010 FA 1360-2005 ¹ FA 1360-2010 ¹	IIFT: Stomach (Monkey) •parietal cells (PCA)	1 BIOCHIP per field: •stomach (monkey)	IgG	-	16
FA 1362-1005	Anti-Intrinsic Factor IIFT •intrinsic factor	1 BIOCHIP per field: •intrinsic factor BIOCHIP	IgG	-	1
FA 1362-1005-1 FA 1362-1010-1 FA 1362-2005-1 ¹	EUROPLUS Stomach (Monkey)/Intrinsic Factor •parietal cells (PCA) •intrinsic factor	2 BIOCHIPS per field: •stomach (monkey) •intrinsic factor BIOCHIP	IgG	- -	16 1
FA 1620-1005 FA 1620-1010 FA 1620-2005 ¹ FA 1620-2010 ¹	IIFT: Kidney (Rat) •mitochondria (AMA)	1 BIOCHIP per field: •kidney (rat)	IgG	+	4
FA 1620-1005-1 FA 1620-1010-1 FA 1620-2005-1 ¹ FA 1620-2010-1 ¹	IIFT: Mitochondria (AMA), Smooth muscles (ASMA) •mitochondria (AMA) •smooth muscles (ASMA)	2 BIOCHIPS per field: •kidney (rat) •stomach (rat)	IgG	+ +	4 16
FA 1620-1005-5 FA 1620-1010-5	EUROPLUS HEp-2/stomach/kidney/M2 •cell nuclei (ANA) •smooth muscles (ASMA) •mitochondria (AMA) •M2 Antigen	4 BIOCHIPS per field: •HEp-2 cells (human) •stomach (rat) •kidney (rat) •M2 BIOCHIP	IgG	- - - -	1 16 4 1
FA 1651-1005 FA 1651-1010	Anti-F-Actin IIFT •F-actin	1 BIOCHIP per field: •VSM47 cells (rat)	IgG	+	1
FA 1710-1005 FA 1710-1010 FA 1710-2005 ¹ FA 1710-2010 ¹	IIFT: Smooth muscles (ASMA) •smooth muscles (ASMA)	1 BIOCHIP per field: •stomach (rat)	IgG	+	16
FA 1710-1005-1 FA 1710-2010-1 ¹	IIFT Mosaic: Stomach (Rat)/VSM47 cells (anti-F-actin) •smooth muscles (ASMA) •F-actin	2 BIOCHIPS per field: •stomach (rat) •VSM47 cells (rat)	IgG	+ +	16 1
FA 1800-1005-1 FA 1800-1010-1 FA 1800-2005-1 ¹	IIFT Mosaic: Basic Profile 1 •cell nuclei (ANA), LKM •mitochondria (AMA), LKM •smooth muscles (ASMA)	3 BIOCHIPS per field: •HEp-2 cells (human) •kidney (rat) •stomach (rat)	IgG	+ + +	1 4 16

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²Test kit formats optimised with respect to reagent volume and bottle format for automated processing using the EUROLabWorkstation IFA
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EUROPattern Microscope Live: Autoimmune diagnostics

Order no.	Product •parameter	Substrate (species)	Ig class	Automated evaluation	Minimum No. of images
FA 1800-1005-2 FA 1800-1010-2 FA 1800-2005-2 ¹ FA 1800-2010-2 ¹ FA 1800-12010-2 ²	IIFT Mosaic: Basic Profile 2 •cell nuclei (ANA), LKM •mitochondria (AMA), LKM •smooth muscles (ASMA)	3 BIOCHIPs per field: •liver (rat) •kidney (rat) •stomach (rat)	IgG	+ + +	1 4 16
FA 1800-1005-3 FA 1800-1010-3 FA 1800-2005-3 ¹	IIFT Mosaic: Basic Profile 3 •cell nuclei (ANA) •cell nuclei (ANA) •mitochondria (AMA) •smooth muscles (ASMA)	4 BIOCHIPs per field: •HEp-2 cells (human) •liver (monkey) •kidney (rat) •stomach (rat)	IgG	+ - + +	1 1 4 16
FA 1802-1005-3 FA 1802-1010-3 FA 1802-2005-3 ¹ FA 1802-2010-3 ¹	IIFT Mosaic: Basic Profile 3A •cell nuclei (ANA) •cell nuclei (ANA) •mitochondria (AMA) •smooth muscles (ASMA)	4 BIOCHIPs per field: •HEp-20-10 cells (human) •liver (monkey) •kidney (rat) •stomach (rat)	IgG	+ - + +	1 1 4 16
FA 1805-1005-13 FA 1805-1010-13 FA 1805-2005-13 ¹	IIFT Mosaic: Basic Profile 13B •cell nuclei (ANA) •cell nuclei (ANA), LKM •mitochondria (AMA), LKM •smooth muscles (ASMA)	4 BIOCHIPs per field: •HEp-2-cells (human) •liver (rat) •kidney (rat) •stomach (rat)	IgG	+ + + +	1 1 4 16
FA 1812-1005-3 FA 1812-1010-3 FA 1812-2005-3 ¹ FA 1812-2010-3 ¹	IIFT Mosaic: Basic Profile 3C •cell nuclei (ANA) •cell nuclei (ANA), LKM •mitochondria (AMA), LKM •smooth muscles (ASMA)	4 BIOCHIPs per field: •HEp-20-10 cells (human) •liver (rat) •kidney (rat) •stomach (rat)	IgG	+ + + +	1 1 4 16
GASTROENTEROLOGY					
FA 1911-1005 A FA 1911-1010 A FA 1911-2005 A ¹ FA 1911-2010 A ¹	IIFT: Oesophagus (Monkey) IgA •endomysium (EmA)	1 BIOCHIP per field: •oesophagus (monkey)	IgA	+ +	9
FA 1911-1005-1 A FA 1911-1010-1 A	EUROPLUS Oesophagus (Monkey)/Gliadin (GAF-3X) (IgA) •endomysium (EmA) •gliadin (GAF-3X)	2 BIOCHIPs per field: •oesophagus (monkey) •gliadin (GAF-3X) EUROPLUS	IgA	- -	9 1
FA 1913-1005 A FA 1913-1010 A FA 1913-2005 A ¹	IIFT: Intestine (Monkey) IgA •endomysium (EmA)	1 BIOCHIP per field: •small intestine (monkey)	IgA	- -	16

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EUROPattern Microscope Live: Autoimmune diagnostics

Order no.	Product •parameter	Substrate (species)	Ig class	Automated evaluation	Minimum No. of images
FA 1913-1005-1 A FA 1913-1010-1 A FA 1913-2005-1 A ¹	EUROPLUS Intestine (Monkey)/Gliadin (GAF-3X) (IgA) •endomysium (EmA) •gliadin (GAF-3X)	2 BIOCHIPS per field: •small intestine (monkey) •gliadin (GAF-3X) EUROPLUS	IgA	- - -	16 1
FA 1913-1005-2 A FA 1913-1010-2 A FA 1913-2005-2 A ¹	IIFT Mosaic: Intestine (Monkey)/Oesophagus (Monkey) (IgA) •endomysium (EmA) •endomysium (EmA)	2 BIOCHIPS per field: •small intestine (monkey) •oesophagus (monkey)	IgA	- -	16 9
FA 1913-1005-7 A FA 1913-1010-7 A FA 1913-2005-7 A ¹ FA 1913-2010-7 A ¹	IIFT Mosaic: Intestine (Monkey)/Liver (Monkey)/Oesophagus (Monkey) (IgA) •endomysium (EmA) •endomysium (EmA) •endomysium (EmA)	3 BIOCHIPS per field: •small intestine (monkey) •liver (monkey) •oesophagus (monkey)	IgA	- - -	16 1 9
FA 1914-1005 A FA 1914-1010 A FA 1914-2005 A ¹ FA 1914-2010 A ¹ FA 1914-12010 A ²	IIFT: Liver (Monkey) IgA •endomysium (EmA)	1 BIOCHIP per field: •liver (monkey)	IgA	+	1
FA 1914-1005-1 A FA 1914-1010-1 A FA 1914-2005-1 A ¹	EUROPLUS Liver (Monkey)/Gliadin (GAF-3X) (IgA) •endomysium (EmA) •gliadin (GAF-3X)	2 BIOCHIPS per field: •liver (monkey) •gliadin (GAF-3X) EUROPLUS	IgA	- -	1 1
FA 1914-1005-2 A FA 1914-1010-2 A FA 1914-2005-2 A ¹	IIFT Mosaic: Intestine (Monkey)/Liver (Monkey) (IgA) •endomysium (EmA) •endomysium (EmA)	2 BIOCHIPS per field: •small intestine (monkey) •liver (monkey)	IgA	- -	16 1
ENDOCRINOLOGY					
FA 1010-1005	IIFT: Thyroid Gland (Monkey) •thyroid gland (MAk)	1 BIOCHIP per field: •thyroid gland (monkey)	IgG	-	1
FA 1010-1005-3 FA 1010-1010-3	EUROPLUS Thyroid Gland (Monkey)/Thyroglobulin •thyroid gland (MAk) •thyroglobulin (TAK)	2 BIOCHIPS per field: •thyroid gland (monkey) •thyroglobulin EUROPLUS	IgG	- -	1 1
FA 1020-1005 FA 1020-1010 FA 1020-2005 ¹ FA 1020-2010 ¹	IIFT: Pancreas (Monkey) •pancreas islets (ICA)	1 BIOCHIP per field: •pancreas (monkey)	IgG	-	16
FA 1020-1005-3 FA 1020-1010-3 FA 1020-2005-3 ¹ FA 1020-2010-3 ¹	Mosaic: Pancreas (Monkey)/Cerebellum (Monkey) •pancreas islets (ICA) •cerebellum antigens (grey and white matter)	2 BIOCHIPS per field: •pancreas (monkey) •cerebellum (monkey)	IgG	- -	16 16

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²Test kit formats optimised with respect to reagent volume and bottle format for automated processing using the EUROLabWorkstation IFA
EOH: ethanol-fixed; HCHO: formalin-fixed



EUROPattern Microscope Live: Autoimmune diagnostics

Order no.	Product •parameter	Substrate (species)	Ig class	Automated evaluation	Minimum No. of images
FA 1022-1005-50	Anti-Glutamic Acid Decarboxylase (65 kDa) (GAD65) IIFT • glutamic acid decarboxylase (GAD65) 65 kDa	2 BIOCHIPS per field: • transfected cells (EU 90) • control transfection (EU 90)	IgG	- -	4 4
FA 1050-1005	Adrenal gland (Monkey) • adrenal cortex	1 BIOCHIP per field: • adrenal gland (monkey)	IgG	-	16
FA 1060-1005	Ovary (Monkey) • ovarian antigens	1 BIOCHIP per field: • ovary (monkey)	IgA, IgG, IgM	-	16
NEUROLOGY					
FA 1111-1005 FA 1111-1010	Cerebellum (Monkey) • cerebellum antigens (grey and white matter)	1 BIOCHIP per field: • cerebellum (monkey)	IgA, IgG, IgM	-	16
FA 1111-1005-1 FA 1111-1010-1	IIFT: Neurology Mosaic 1 • medullated nerves • cerebellum antigens (grey and white matter) • non-medullated nerves	3 BIOCHIPS per field: • nerves (monkey) • cerebellum (monkey) • intestinal tissue (monkey)	IgA, IgG, IgM	- - -	16 16 16
FA 1111-1005-2 FA 1111-1010-2	IIFT: Neurology Mosaic 2 • medullated nerves • cerebellum antigens (grey and white matter)	2 BIOCHIPS per field: • nerves (monkey) • cerebellum (monkey)	IgA, IgG, IgM	- -	16 16
FA 1111-1005-8 FA 1111-1010-8 FA 1111-12010-8 ²	IIFT: Neurology Mosaic 8 • medullated nerves • cerebellum antigens (grey and white matter) • non-medullated nerves • pancreas islets	4 BIOCHIPS per field: • nerves (monkey) • cerebellum (monkey) • intestinal tissue (monkey) • pancreas (monkey)	IgA, IgG, IgM	- - - -	16 16 16 16
FA 1111-1005-14 FA 1111-1010-14	IIFT: Neurology Mosaic 14 • cerebellum antigens (grey and white matter) • non-medullated nerves	2 BIOCHIPS per field: • cerebellum (monkey) • intestinal tissue (monkey)	IgA, IgG, IgM	- -	16 16
FA 1111-1005-16 FA 1111-1010-16	IIFT: Neurology Mosaic 16 • medullated nerves • cerebellum antigens (grey and white matter) • non-medullated nerves • cell nuclei (ANA)	4 BIOCHIPS per field: • nerves (monkey) • cerebellum (monkey) • intestinal tissue (monkey) • HEp-2 cells (human)	IgA, IgG, IgM	- - - -	16 16 16 1
FA 1111-1005-17 FA 1111-1010-17 FA 1111-2005-17 ¹	IIFT: Neurology Mosaic 17 • cerebellum antigens (grey and white matter) • cerebrum antigens • optic nerve antigens • aquaporin-4	5 BIOCHIPS per field: • cerebellum (monkey) • cerebrum (monkey) • optic nerve (monkey) • transfected cells (EU 90) • control transfection (EU 90)	IgG	- - - - -	12 12 12 12 4

¹Test kit formats optimised with respect to reagent volume and bottle format for automated processing using the IF Sprinter/Sprinter XL

²Test kit formats optimised with respect to reagent volume and bottle format for automated processing using the EUROLabWorkstation IFA
EOH: ethanol-fixed; HCHO: formalin-fixed



EUROPattern Microscope Live: Autoimmune diagnostics

Order no.	Product •parameter	Substrate (species)	Ig class	Automated evaluation	Minimum No. of images
FB 1111-2010-29 ¹	IIFT: Neurology Mosaic 29 •cerebellum antigens (grey and white matter) •hippocampus antigens •pancreas islets •non-medullated nerves •DNER •ZIC4	6 BIOCHIPS per field: •cerebellum (monkey) •hippocampus (rat) •pancreas (monkey) •intestinal tissue (monkey) •transfected cells (EU 90) •transfected cells (EU 90)	IgG	-	12 12 12 12 4 4
FA 111m-1005-3 FA 111m-1010-3	IIFT: Glutamate Receptor Mosaic 3 •hippocampus antigens •cerebellum antigens (grey and white matter) •glutamate receptor (type NMDA)	4 BIOCHIPS per field: •hippocampus (rat) •cerebellum (rat) •transfected cells (EU 90) •control transfection (EU 90)	IgG	-	16 16 4 4
FB 111m-1005-8	IIFT: Neurology Mosaic 8A •hippocampus antigens •GABA _B receptor (GABARB1/B2) •cerebellum antigens (grey and white matter) •glutamate receptor (type AMPA1/2) •cell nuclei (ANA) •glutamate receptor (type NMDA)	6 BIOCHIPS per field: •hippocampus (rat) •transfected cells (EU 90) •cerebellum (monkey) •transfected cells (EU 90) •HEp-2 cells (human) •transfected cells (EU 90)	IgA, IgG, IgM	-	12 4 12 4 1 4
FB 111m-1005-22	IIFT: Neurology Mosaic 22A •hippocampus antigens •dipeptidyl aminopeptidase-like protein 6 (DPPX) •cerebellum antigens (grey and white matter) •contactin-associated protein 2 (CASPR2) •cell nuclei (ANA) •leucine-rich glioma-inactivated protein 1 (LGI1)	6 BIOCHIPS per field: •hippocampus (rat) •transfected cells (EU 90) •cerebellum (monkey) •transfected cells (EU 90) •HEp-2 cells (human) •transfected cells (EU 90)	IgA, IgG, IgM	-	12 4 12 4 1 4
FA 1120-1005	IIFT: Nerves (Monkey) •medullated nerves	1 BIOCHIP per field: •nerves (monkey)	IgA, IgG, IgM	-	16
FA 1128-1005-1 FA 1128-1010-1	IIFT: NMOSD Screen 1 •aquaporin-4 •myelin oligodendrocyte glycoprotein (MOG)	3 BIOCHIPS per field: •transfected cells (EU90) •transfected cells (EU90) •control transfection (EU 90)	IgG	+ + -	4 4 4
FA 1128-1005-50 FA 1128-1010-50	Anti-aquaporin-4 IIFT •aquaporin-4	2 BIOCHIPS per field: •transfected cells (EU90) •control transfection (EU 90)	IgG	+ -	4 4

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EUROPattern Microscope Live: Autoimmune diagnostics

Order no.	Product •parameter	Substrate (species)	Ig class	Automated evaluation	Minimum No. of images
FA 112d-1005-6 FA 112d-1010-6	IIFT: Autoimmune Encephalitis Mosaic 6 •glutamate receptor (type NMDA) •glutamate receptor (type AMPA1/2) •contactin-associated protein 2 (CASPR2) •dipeptidyl aminopeptidase-like protein 6 (DPPX) •leucine-rich glioma-inactivated protein 1 (LGI1) •GABA _B receptor (GABAR1/2)	6 BIOCHIPs per field: •transfected cells (EU90) •transfected cells (EU90) •transfected cells (EU90) •transfected cells (EU90) •transfected cells (EU90) •transfected cells (EU90)	IgG	+ + + + + +	4 4 4 4 4 4
FA 112d-1005-14	RC IIFT: Neurology Mosaic 14A •glutamate receptor (type NMDA) •IgLON family member 5 (IgLON5) •dipeptidyl aminopeptidase-like protein 6 (DPPX) •contactin-associated protein 2 (CASPR2) •GABA _B receptor (GABAR1/B2) •leucine-rich glioma-inactivated protein 1 (LGI1)	6 BIOCHIPs per field: •transfected cells (EU 90) •transfected cells (EU 90) •transfected cells (EU 90) •transfected cells (EU 90) •transfected cells (EU 90) •transfected cells (EU 90)	IgG	- - - - - -	4 4 4 4 4 4
FA 112d-1005-51 FA 112d-1010-51	Anti-Glutamate Receptor (type NMDA) IIFT •glutamate receptor (type NMDA)	2 BIOCHIPs per field: •transfected cells (EU90) •control transfection (EU 90)	IgG	+ -	4 4
FA 112k-1005-53	Anti-Glutamate Receptor (type AMPA1/2) IIFT •glutamate receptor (type AMPA1/2)	2 BIOCHIPs per field: •transfected cells (EU 90) •control transfection (EU 90)	IgG	+ -	4 4
FA 112l-1005-50	Anti-GABA_B Receptor IIFT •GABA _B receptor (GABAR1/B2)	2 BIOCHIPs per field: •transfected cells (EU90) •control transfection (EU 90)	IgG	+ -	4 4
FA 112m-1005-50	Anti-DPPX IIFT •dipeptidyl aminopeptidase-like protein 6 (DPPX)	2 BIOCHIPs per field: •transfected cells (EU90) •control transfection (EU 90)	IgG	+ -	4 4
FA 1151-1005-50	Anti-IgLON family member 5 (IgLON5) IIFT •IgLON family member 5 (IgLON5)	2 BIOCHIPs per field: •transfected cells (EU 90) •control transfection (EU 90)	IgG	- -	4 4
FA 1156-1005-50 FA 1156-1010-50	Anti-Myelin Oligodendrocyte Glycoprotein (MOG) IIFT •myelin oligodendrocyte glycoprotein (MOG)	2 BIOCHIPs per field: •transfected cells (EU90) •control transfection (EU 90)	IgG	+ -	4 4
FA 1430-1005	IIFT: Skeletal Muscle (Monkey) •skeletal muscle	1 BIOCHIP per field: •M. iliopsoas (monkey)	IgG	-	16

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EUROPattern Microscope Live: Autoimmune diagnostics

Order no.	Product •parameter	Substrate (species)	Ig class	Automated evaluation	Minimum No. of images
FA 1434-2005-90-R ¹ FA 1434-2010-90-R ¹	NEW: Anti-MuSK IIFT •muscle-specific kinase (MuSK)	2 BIOCHIPS per field: •transfected cells (EU 90) •control transfection (EU 90)	IgG	- -	4 4
FA 1434-1005-90* FA 1434-1010-90*	Anti-Muscle-Specific Kinase (MuSK) IIFT •muscle-specific kinase (MuSK)	2 BIOCHIPS per field: •transfected cells (EU 90) •control transfection (EU 90)	IgG	- -	4 4
FA 1435-2005-2-R ¹ FA 1435-2010-2-R ¹	NEW: Myasthenia Gravis Mosaic 2 IIFT •adult acetylcholine receptor (AChR-E) •fetal acetylcholine receptor (AChR-G) •muscle-specific kinase (MuSK)	4 BIOCHIPS per field: •transfected cells (EU 90) •transfected cells (EU 90) •transfected cells (EU 90) •control transfection (EU 90)	IgG	- - - -	4 4 4 4
FA 1435-1005-2* FA 1435-1010-2*	IIFT: Myasthenia gravis Mosaic 2 •adult acetylcholine receptor (AChR-E) •fetal acetylcholine receptor (AChR-G) •muscle-specific kinase (MuSK)	4 BIOCHIPS per field: •transfected cells (EU 90) •transfected cells (EU 90) •transfected cells (EU 90) •control transfection (EU 90)	IgG	- - - -	4 4 4 4
FA 1435-2005-90-R ¹ FA 1435-2010-90-R ¹	NEW: Anti-AChR IIFT •adult acetylcholine receptor (AChR-E) •fetal acetylcholine receptor (AChR-G)	3 BIOCHIPS per field: •transfected cells (EU 90) •transfected cells (EU 90) •control transfection (EU 90)	IgG	- - -	4 4 4
FA 1435-1005-90* FA 1435-1010-90*	Anti-Acetylcholine Receptor (AChR) IIFT •adult acetylcholine receptor (AChR-E) •fetal acetylcholine receptor (AChR-G)	3 BIOCHIPS per field: •transfected cells (EU 90) •transfected cells (EU 90) •control transfection (EU 90)	IgG	- - -	4 4 4
FA 1439-1005-1	IIFT: Anti-VGKC-associated protein Mosaic 1 •leucine-rich glioma-inactivated protein 1 (LGI1) •contactin-associated protein 2 (CASPR2)	3 BIOCHIPS per field: •transfected cells (EU90) •transfected cells (EU90) •control transfection (EU 90)	IgG	+ + -	4 4 4
FA 1439-1005-50	Anti-Contactin-associated protein 2 IIFT •contactin-associated protein 2 (CASPR2)	2 BIOCHIPS per field: •transfected cells (EU90) •control transfection (EU 90)	IgG	+ -	4 4
FA 1439-1005-51	Anti-Leucine-rich glioma-inactivated protein 1 (LGI1) IIFT •leucine-rich glioma-inactivated protein 1 (LGI1)	2 BIOCHIPS per field: •transfected cells (EU90) •control transfection (EU 90)	IgG	+ -	4 4

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EOH: ethanol-fixed; HCHO: formalin-fixed

*Time-limited product availability



EUROPattern Microscope Live: Autoimmune diagnostics

Order no.	Product •parameter	Substrate (species)	Ig class	Automated evaluation	Minimum No. of images
NEPHROLOGY					
FA 1254-1005-1	IIFT: Membranous Nephropathy Mosaic 1 •phospholipase-A2 receptor (PLA2R) •thrombospondin type-1 domain-containing protein 7A (THSD7A)	3 BIOCHIPs per field:	IgG	+	4
FA 1254-1010-1		•transfected cells (EU 90)			
		•control transfection (EU 90)			
FA 1254-1005-50	Anti-Phospholipase-A2 Receptor (PLA2R) IIFT •phospholipase-A2 receptor (PLA2R)	2 BIOCHIPs per field:	IgG	+	4
FA 1254-1010-50		•transfected cells (EU 90)			
FA 1254-2010-50 ¹		•control transfection (EU 90)			
FA 1254-1005-51	Anti-THSD7A IIFT •thrombospondin type-1 domain-containing protein 7A (THSD7A)	2 BIOCHIPs per field:	IgG	+	4
FA 1254-2005-51 ¹		•transfected cells (EU 90)			
		•control transfection (EU 90)			
DERMATOLOGY					
FA 1501-1005	IIFT: Oesophagus (Monkey) •prickle cell desmosomes, epidermal basement membrane	1 BIOCHIP per field:	IgG	-	9
FA 1501-1010		•oesophagus (monkey)			
FA 1501-2005 ¹					
FA 1501-1005-7	IIFT: Dermatology Mosaic 7 •prickle cell desmosomes, epidermal basement membrane •BP230gC •pemphigoid antigens •BP180-NC16A-4X •desmoglein 1 •desmoglein 3	6 BIOCHIPs per field:	IgG	-	9
FA 1501-1010-7		•oesophagus (monkey)			
		•transfected cells (EU 90)			
		•salt-split skin (monkey)			
		•BP180-NC16A-4X EUROPLUS			
		•transfected cells (EU 90)			
FA 1501-1005-20	IIFT: Dermatology Mosaic 20 •prickle cell desmosomes, epidermal basement membrane •pemphigoid antigens	2 BIOCHIPs per field:	IgG	-	9
FA 1501-1010-20		•oesophagus (monkey)			
FA 1501-2005-20 ¹		•salt-split skin (monkey)			
FA 150b-1005-50	Anti-Laminin 332 (LAM332) IIFT •laminin 332	2 BIOCHIPs per field:	IgG	-	4
		•transfected cells (EU 90)			
		•control transfection (EU 90)			

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EUROPattern Microscope Live: Infection diagnostics

Order no.	Product •parameter	Substrate (species)	Ig class	Automated evaluation	Minimum No. of images
RESPIRATORY INFECTIONS					
FI 2730-1005-2 G	IIFT Mosaic: Coxsackie virus A Types (IgG)	4 BIOCHIPS per field:	IgG		
FI 2730-2005-2 G¹	•virus type A7	•infected cells (EU 38)		–	1
FI 2730-2010-2 G¹	•virus type A9	•infected cells (EU 38)		–	1
	•virus type A16	•infected cells (EU 38)		–	1
	•virus type A24	•infected cells (EU 38)		–	1
FI 2730-1005-2 M	IIFT: Mosaic: Coxsackie virus A Types (IgM)	4 BIOCHIPS per field:	IgM		
FI 2730-2005-2 M¹	•virus type A7	•infected cells (EU 38)		–	1
FI 2730-2010-2 M¹	•virus type A9	•infected cells (EU 38)		–	1
	•virus type A16	•infected cells (EU 38)		–	1
	•virus type A24	•infected cells (EU 38)		–	1
FI 2730-1005-3 G	Mosaic: Coxsackie virus B Types (IgG)	6 BIOCHIPS per field:	IgG		
FI 2730-2005-3 G¹	•virus type B1	•infected cells (EU 38)		–	1
	•virus type B2	•infected cells (EU 38)		–	1
	•virus type B3	•infected cells (EU 38)		–	1
	•virus type B4	•infected cells (EU 38)		–	1
	•virus type B5	•infected cells (EU 38)		–	1
	•virus type B6	•infected cells (EU 38)		–	1
FI 2730-1005-3 M	Mosaic: Coxsackie virus B Types (IgM)	6 BIOCHIPS per field:	IgM		
FI 2730-2005-3 M	•virus type B1	•infected cells (EU 38)		–	1
	•virus type B2	•infected cells (EU 38)		–	1
	•virus type B3	•infected cells (EU 38)		–	1
	•virus type B4	•infected cells (EU 38)		–	1
	•virus type B5	•infected cells (EU 38)		–	1
	•virus type B6	•infected cells (EU 38)		–	1
FI 2730-1005-4 A	Mosaic: Coxsackie virus Type A7 / Type B1 (IgA)	2 BIOCHIPS per field:	IgA		
	•virus type A7	•infected cells (EU 38)		–	1
	•virus type B1	•infected cells (EU 38)		–	1
FI 2730-1005-4 G	Mosaic: Coxsackie virus Type A7 / Type B1 (IgG)	2 BIOCHIPS per field:	IgG		
	•virus type A7	•infected cells (EU 38)		–	1
	•virus type B1	•infected cells (EU 38)		–	1

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EUROPattern Microscope Live: Infection diagnostics

Order no.	Product •parameter	Substrate (species)	Ig class	Automated evaluation	Minimum No. of images
PREGNANCY-RELEVANT INFECTIONS					
FI 2410-1005 G FI 2410-1010 G	Anti-Toxoplasma gondii IIFT (IgG) • <i>Toxoplasma gondii</i>	1 BIOCHIP per field: •protozoan smear (<i>Toxoplasma gondii</i>)	IgG	– –	1
FI 2410-1005 M FI 2410-1010 M	Anti-Toxoplasma gondii IIFT (IgM) • <i>Toxoplasma gondii</i>	1 BIOCHIP per field: •protozoan smear (<i>Toxoplasma gondii</i>)	IgM	– –	1
EMERGING DISEASES					
FI 2661-1005 G FI 2661-1010 G	Anti-TBE virus IIFT (IgG) •TBE virus (TBEV)	2 BIOCHIPS per field: •infected cells (EU 14) •non-infected cells (EU 14)	IgG	– –	1 1
FI 2661-1005 M FI 2661-1010 M	Anti-TBE virus IIFT (IgM) •TBE virus (TBEV)	2 BIOCHIPS per field: •infected cells (EU 14) •non-infected cells (EU 14)	IgM	– –	1 1
FI 2661-1005-1 G FI 2661-1010-1 G	IIFT: Flavivirus Mosaic 1 (IgG) •TBE virus (TBEV) •West Nile virus (WNV) •Japanese encephalitis virus (JEV) •Yellow fever virus (YFV)	4 BIOCHIPS per field: •infected cells (EU 14) •infected cells (EU 14) •infected cells (EU 14) •infected cells (EU 14)	IgG	– – – –	1 1 1 1
FI 2661-1005-1 M FI 2661-1010-1 M	IIFT: Flavivirus Mosaic 1 (IgM) •TBE virus (TBEV) •West Nile virus (WNV) •Japanese encephalitis virus (JEV) •Yellow fever virus (YFV)	4 BIOCHIPS per field: •infected cells (EU 14) •infected cells (EU 14) •infected cells (EU 14) •infected cells (EU 14)	IgM	– – – –	1 1 1 1
FI 2662-1005 G FI 2662-1010 G	Anti-West Nile virus IIFT (IgG) •West Nile virus (WNV)	2 BIOCHIPS per field: •infected cells (EU 14) •non-infected cells (EU 14)	IgG	– –	1 1
FI 2662-1005 M FI 2662-1010 M	Anti-West Nile virus IIFT (IgM) •West Nile virus (WNV)	2 BIOCHIPS per field: •infected cells (EU 14) •non-infected cells (EU 14)	IgM	– –	1 1
FI 2663-1005 G	Anti-Japanese encephalitis virus IIFT (IgG) •Japanese encephalitis virus (JEV)	2 BIOCHIPS per field: •infected cells (EU 14) •non-infected cells (EU 14)	IgG	– –	1 1

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EUROPattern Microscope Live: Infection diagnostics

Order no.	Product •parameter	Substrate (species)	Ig class	Automated evaluation	Minimum No. of images
FI 2663-1005 M	Anti-Japanese encephalitis virus IIFT (IgM) •Japanese encephalitis virus (JEV)	2 BIOCHIPs per field: •infected cells (EU 14) •non-infected cells (EU 14)	IgM	- -	1 1
FI 2665-1005 G FI 2665-1010 G	Anti-Yellow fever virus IIFT (IgG) •Yellow fever virus (YFV)	2 BIOCHIPs per field: •infected cells (EU 14) •non-infected cells (EU 14)	IgG	- -	1 1
FI 2665-1005 M FI 2665-1010 M	Anti-Yellow fever virus IIFT (IgM) •Yellow fever virus (YFV)	2 BIOCHIPs per field: •infected cells (EU 14) •non-infected cells (EU 14)	IgM	- -	1 1
FI 277a-1005-1 G FI 277a-1010-1 G	IIFT: Sandfly fever virus Mosaic 1 (IgG) •virus type Sicilian (SFSV) •virus type Naples (SFNV) •virus type Toscana (TOSV) •virus type Cyprus (CYPV)	4 BIOCHIPs per field: •infected cells (EU 14) •infected cells (EU 14) •infected cells (EU 14) •infected cells (EU 14)	IgG	- - - -	1 1 1 1
FI 277a-1005-1 M FI 277a-1010-1 M	IIFT: Sandfly fever virus Mosaic 1 (IgM) •virus type Sicilian (SFSV) •virus type Naples (SFNV) •virus type Toscana (TOSV) •virus type Cyprus (CYPV)	4 BIOCHIPs per field: •infected cells (EU 14) •infected cells (EU 14) •infected cells (EU 14) •infected cells (EU 14)	IgM	- - - -	1 1 1 1
FI 278h-1005-1 G FI 278h-1010-1 G	IIFT: Hantavirus Mosaic 1 (IgG) •virus type Hantaan (HTNV) •virus type Puumala (PUUV) •virus type Seoul (SEOV) •virus type Saaremaa (SAAV) •virus type Dobrava (DOBV) •virus type Sin Nombre (SNV)	6 BIOCHIPs per field: •infected cells (EU 14) •infected cells (EU 14) •infected cells (EU 14) •infected cells (EU 14) •infected cells (EU 14) •infected cells (EU 14)	IgG	- - - - - -	1 1 1 1 1 1
FI 278h-1005-1 M FI 278h-1010-1 M	IIFT: Hantavirus Mosaic 1 (IgM) •virus type Hantaan (HTNV) •virus type Puumala (PUUV) •virus type Seoul (SEOV) •virus type Saaremaa (SAAV) •virus type Dobrava (DOBV) •virus type Sin Nombre (SNV)	6 BIOCHIPs per field: •infected cells (EU 14) •infected cells (EU 14) •infected cells (EU 14) •infected cells (EU 14) •infected cells (EU 14) •infected cells (EU 14)	IgM	- - - - - -	1 1 1 1 1 1

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EUROPattern Microscope Live: Infection diagnostics

Order no.	Product •parameter	Substrate (species)	Ig class	Automated evaluation	Minimum No. of images
FI 278h-1005-2 G FI 278h-1010-2 G	IIFT: Hantavirus Mosaic 2: Eurasia (IgG) •virus type Hantaan (HTNV) •virus type Puumala (PUUV) •virus type Seoul (SEOV) •virus type Saaremaa (SAAV) •virus type Dobrava (DOBV)	6 BIOCHIPs per field: •infected cells (EU 14) •infected cells (EU 14) •infected cells (EU 14) •infected cells (EU 14) •infected cells (EU 14) •non-infected cells (EU 14)	IgG	– – – – – –	1 1 1 1 1 1
FI 278h-1005-2 M FI 278h-1010-2 M	IIFT: Hantavirus Mosaic 2: Eurasia (IgM) •virus type Hantaan (HTNV) •virus type Puumala (PUUV) •virus type Seoul (SEOV) •virus type Saaremaa (SAAV) •virus type Dobrava (DOBV)	6 BIOCHIPs per field: •infected cells (EU 14) •infected cells (EU 14) •infected cells (EU 14) •infected cells (EU 14) •infected cells (EU 14) •non-infected cells (EU 14)	IgM	– – – – – –	1 1 1 1 1 1
FI 278m-1005-3 G	IIFT: Hantavirus Mosaic 3: America (IgG) •virus type Sin Nombre (SNV) •virus type Andes (ANDV)	2 BIOCHIPs per field: •infected cells (EU 14) •infected cells (EU 14)	IgG	– –	1 1
FI 278m-1005-3 M	IIFT: Hantavirus Mosaic 3: America (IgM) •virus type Sin Nombre (SNV) •virus type Andes (ANDV)	2 BIOCHIPs per field: •infected cells (EU 14) •infected cells (EU 14)	IgM	– –	1 1
FI 293a-1005 G FI 293a-1010 G FI 293a-2005 G¹	Anti-Chikungunya virus IIFT (IgG) •Chikungunya virus (CHIKV)	2 BIOCHIPs per field: •infected cells (EU 14) •non-infected cells (EU 14)	IgG	– –	1 1
FI 293a-1005 M FI 293a-1010 M FI 293a-2005 M¹	Anti-Chikungunya virus IIFT (IgM) •Chikungunya virus (CHIKV)	2 BIOCHIPs per field: •infected cells (EU 14) •non-infected cells (EU 14)	IgM	– –	1 1

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EUROPattern Microscope Live: Infection diagnostics

Order no.	Product •parameter	Substrate (species)	Ig class	Automated evaluation	Minimum No. of images
HERPES VIRUS INFECTIONS					
FI 2536-1005 G FI 2536-1010 G FI 2536-2005 G ¹ FI 2536-2010 G ¹	Anti-HHV-6 IIFT (IgG) • HHV-6	1 BIOCHIP per field: • infected cells (EU 30)	IgG	–	1
FI 2536-1005 M FI 2536-1010 M FI 2536-2005 M ¹ FI 2536-2010 M ¹	Anti-HHV-6 IIFT (IgM) • HHV-6	1 BIOCHIP per field: • infected cells (EU 30)	IgM	–	1
FI 2650-1005 G FI 2650-1010 G	Anti-VZV IIFT (IgG) • Varicella zoster virus (VZV)	1 BIOCHIP per field: • infected cells (EU 168)	IgG	–	4
FI 2650-1005 M FI 2650-1010 M	Anti-VZV IIFT (IgM) • Varicella zoster virus (VZV)	1 BIOCHIP per field: • infected cells (EU 168)	IgM	–	4

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