



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) •granulocytes HCHO (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

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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 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

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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 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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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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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
ENDOKRINOLOGY					
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
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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) •ovarial 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

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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 (GABARB1/2)	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 (GABARB1/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 (GABARB1/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
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

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EUROPattern Microscope Live: Autoimmune diagnostics

Order no.	Product •parameter	Substrate (species)	Ig class	Automated evaluation	Minimum No. of images
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 1435-1005-90 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
NEPHROLOGY					
FA 1254-1005-1 FA 1254-1010-1	IIFT: Membranous Nephropathy Mosaic 1 •phospholipase-A2 receptor (PLA2R) •thrombospondin type-1 domain-containing protein 7A (THSD7A)	3 BIOCHIPs per field: •transfected cells (EU 90) •transfected cells (EU 90) •control transfection (EU 90)	IgG	- - -	4 4 4
FA 1254-1005-50 FA 1254-1010-50 FA 1254-2010-50 ¹	Anti-Phospholipase-A2 Receptor (PLA2R) IIFT •phospholipase-A2 receptor (PLA2R)	2 BIOCHIPs per field: •transfected cells (EU 90) •control transfection (EU 90)	IgG	- -	4 4
FA 1254-1005-51 FA 1254-2005-51 ¹	Anti-THSD7A IIFT •thrombospondin type-1 domain-containing protein 7A (THSD7A)	2 BIOCHIPs per field: •transfected cells (EU 90) •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
DERMATOLOGY					
FA 1501-1005 FA 1501-1010 FA 1501-2005 ¹	IIFT: Oesophagus (Monkey) •prickle cell desmosomes, epidermal basement membrane	1 BIOCHIP per field: •oesophagus (monkey)	IgG	-	9
FA 1501-1005-7 FA 1501-1010-7	IIFT: Dermatology Mosaic 7 •prickle cell desmosomes, epidermal basement membrane •BP230gC •pemphigoid antigens •BP180-NC16A-4X •desmoglein 1 •desmoglein 3	6 BIOCHIPS per field: •oesophagus (monkey) •transfected cells (EU 90) •salt-split skin (monkey) •BP180-NC16A-4X EUROPLUS •transfected cells (EU 90) •transfected cells (EU 90)	IgG	- - - - - -	9 4 12 1 4 4
FA 1501-1005-20 FA 1501-1010-20 FA 1501-2005-20 ¹	IIFT: Dermatology Mosaic 20 •prickle cell desmosomes, epidermal basement membrane •pemphigoid antigens	2 BIOCHIPS per field: •oesophagus (monkey) •salt-split skin (monkey)	IgG	- -	9 12
FA 150b-1005-50	Anti-Laminin 332 (LAM332) IIFT •laminin 332	2 BIOCHIPS per field: •transfected cells (EU 90) •control transfection (EU 90)	IgG	- -	4 4

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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 2661-1010-4 G	IIFT: TBEV-JEV Mosaic •TBE virus (TBEV) •Japanese encephalitis virus (JEV)	3 BIOCHIPS per field: •infected cells (EU 14) •infected cells (EU 14) •non-infected cells (EU 14)	IgG	– – –	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

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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 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
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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The availability of the listed test systems may be limited. Compatibility with the EUROPattern Microscope Live may vary in regions outside the EU due to approval. For further information please contact your local EUROIMMUN subsidiary or distributor.