

Testsystems for autoantibody detection.





Collagenoses/Connective tissue diseases

Antibodies against	ELISA	Blot	IFA	ChLIA
Cell components (ANA)	●	●	○	○ ¹
Extractable nuclear antigens (ENA)	●	●	○	○ ¹
nRNP/Sm (U1-snRNP)	●	●	●	● ¹
RNP70, A, C		●	○	
Sm	●	●	●	● ¹
SS-A (Ro, 60 kDa)	●	●	●	● ¹
Ro-52	○	●		● ¹
SS-B (La)	●	●	●	● ¹
Scl-70	●	●	●	● ¹
Jo-1	●	●	●	● ¹
Ribosomal P-proteins	●	●	○	
Centromeres (CENP A)		●	○	
Centromeres (CENP B)	●	●	○	● ¹
PM-Scl75		●	○	
PM-Scl100	●	●	○	
ssDNA	●		○	
dsDNA	●	●	●	● ¹
Histones	●	●	○	
Nucleosomes	●	●	○	
Proliferating cell nuclear antigens (PCNA, Cyclin 1)	○	●	○	
Mitotin (CENP-F)			○	
Ku		●	○	
Mi-2α, Mi-2β		●	○	
Signal recognition particle (SRP)		●	○	
PL-7, PL-12, EJ, OJ		●	○	
Ha, Ks, Zo		●	○	
Nuclear vasolin-containing protein-like (NVL)		●		
Platelet-derived growth factor receptor (PDGFR)		●		
Th/To		●		
NOR-90		●	○	
Fibrillarin		●	○	
RNA polymerase III (RP155, RP11)		●	○	
Transcription intermediary factor-1 gamma (TIF1γ)		●	○	

● Positive reaction in monospecific test (IFA: specific pattern, purified antigens – EUROPLUS, cell-based assay)

○ Positive reaction in screening test

¹ Manufactured by Immunodiagnostic Systems Limited (IDS)

Antibodies against	ELISA	Blot	IFA	ChLIA
Melanoma differentiation antigen 5 (MDA5)		●		
Nuclear matrix protein 2 (NXP2)		●		
SUMO-1 activating enzyme (SAE1)		●		
Cytosolic 5'-nucleotidase 1A (cN-1A)	●	●		
Circulating immune complexes (CIC-C1q)	●			
DFS70	●	●	○	

Rheumatoid arthritis

Antibodies against	ELISA	Blot	IFA	ChLIA
Cyclic citrullinated peptides (CCP)	●			●
Rheumatoid factor (RF)	●			● ²
Sa	●			
Citrullinated alpha-enolase peptide 1 (CEP-1)	●			

Antiphospholipid syndrome (APS)

Antibodies against	ELISA	Blot	IFA	ChLIA
Cardiolipin	●			● ¹
β2-glycoprotein 1	●			● ¹
Phosphatidylserine	●			

Vasculitis / Nephrology



Antibodies against	ELISA	Blot	IFA	ChLIA
Granulocyte cytoplasm (ANCA)			●	
Proteinase 3 (PR3)	●	●	●	●
Myeloperoxidase (MPO)	●	●	●	● ¹
Elastase	●			
Cathepsin G	●			
Bactericidal permeability-increasing protein (BPI)	●			
Lactoferrin	●			
Glomerular basement membrane (GBM)	●	●	●	●
Phospholipase A2 receptor (PLA2R)	●		●	●
Thrombospondin type-1 domain-containing 7A (THSD7A)			●	

IFA for detection of autoantibodies against NELL1 available for research use only, not for in vitro diagnostic use

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Gastroenterology



Autoimmune gastritis/ Pernicious anaemia

Antibodies against	ELISA	Blot	IFA	ChLIA
Parietal cells (PCA)	●	●	●	
Intrinsic Factor (IF)	●	●	●	
Parietal cell antigen ATP4B (beta-subunit of H ⁺ /K ⁺ -ATPase)	●			

Coeliac disease (gluten-sensitive enteropathy)

Antibodies against	ELISA	Blot	IFA	ChLIA
Deamidated gliadin (GAF-3X)	●	●	●	●
Endomysium (EmA)			●	
Tissue transglutaminase (tTG)	●	●		● ¹

Chronic inflammatory bowel diseases

Antibodies against	ELISA	Blot	IFA	ChLIA
Pancreas acini (CUZD1 and GP2)			●	
Intestinal goblet cells (BAk)			●	
<i>Saccharomyces cerevisiae</i>	●	●	●	
pANCA (granulocytes)			●	

Hepatology



Antibodies against	ELISA	Blot	IFA	ChLIA
Smooth muscles (ASMA, type actin)		●	●	
Soluble liver antigen/ liver-pancreas antigen (SLA/LP)	●	●	●	
Cytosolic liver antigen type 1 (LC-1)	●	●	○	
Liver-kidney microsomes (LKM-1)	●	●	●	● ¹
AMA-M2	●	●	●	● ¹
AMA-M4		●	○	
AMA-M9		●	○	
Nuclear Dots			●	

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Antibodies against	ELISA	Blot	IFA	ChLIA
Sp100		●	○	
PML		●	○	
Nuclear membrane			●	
gp210		●	○	
p62			○	
Lamins			○	
pANCA (granulocytes)			●	

Endocrinology



Diabetes

Antibodies against	ELISA	Blot	IFA	ChLIA
Pancreas islets (ICA)			●	
Glutamic acid decarboxylase (GAD)	●		○	
Tyrosine phosphatase (IA2)	●		○	
Zinc transporter 8 (ZnT8)	●		○	

Thyroid diseases

Antibodies against	ELISA	Blot	IFA	ChLIA
Thyroid peroxidase (TPO)	●		○	● ¹
Thyroglobulin (TG)	●		●	● ¹
TSH receptor (thyrotropin receptor)	●			

Polyendocrinopathy / Infertility

Antibodies against	ELISA	Blot	IFA	ChLIA
Adrenal cortex			○	
Ovary			●	
Spermatozoa			●	

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Paraneoplastic syndrome

Antibodies against	ELISA	Blot	IFA	ChLIA
Hu (ANNA-1)		●	●	
Yo (PCA-1)		●	●	
Ri (ANNA-2)		●	●	
Amphiphysin		●	●	
CV2 (CRMP5)		●	●	
Ma (Ma1, Ma2/Ta)		●	●	
Tr (DNER)		●	●	
ITPR1			●	
CARP			●	
SOX1		●	●	
Glutamic acid decarboxylase (GAD)		●	●	
Titin		●	○	
Recoverin		●		
Zic4		●	○	

Receptors and membrane proteins

Antibodies against	ELISA	Blot	IFA	ChLIA
Aquaporin-4 (NMO-IgG)			●	
Myelin oligodendrocyte glycoprotein (MOG)			●	
Glutamate receptors (types NMDA and AMPA)			●	
GABA _B receptors			●	
VGKC associated proteins (LGI1, CASPR2)			●	
DPPX			●	
IgLON5			●	

IFA for detection of autoantibodies against GABA_A-Rezeptor, mGluR1, mGluR5 and flotillin-1/2 available for research use only, not for in vitro diagnostic use

Other parameters

Antibodies against	ELISA	Blot	IFA	ChLIA
Gangliosides (GM1, GM2, GM3, GD1a, GD1b, GT1b, GQ1b)		●		
Myelin			●	
Myelin-associated glycoprotein (MAG)			●	

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Antibodies against	ELISA	Blot	IFA	ChLIA
Hippocampus			●	
Cerebellum			●	
Peripheral nerves			●	
Striated muscles			●	
Acetylcholine receptor	●		●	
Muscle-specific tyrosine kinase (MuSK)			●	

IFA for detection of autoantibodies against Purkinje cells, Adenylate kinase 5 (AK5), Kelch-like protein 11 (KLHL11), SEZ6L2, ARHGAP26, neurochondrin, CASPR1, contactin 1, neurofascin 155 and neurofascin 186 available for research use only, not for in vitro diagnostic use

Dermatology



Antibodies against	ELISA	Blot	IFA	ChLIA
Epidermal basement membrane (EBM)			●	
BP180	●		●	
BP230	●		●	
Desmosomes			●	
Desmoglein 1	●		●	
Desmoglein 3	●		●	
Envoplakin	●		○	
Salt-split skin			●	
Transitional epithelium			●	
Collagen type VII	●		●	
Laminin 332			●	
Tissue transglutaminase (tTG)	●			

IFA for detection of autoantibodies against LAMB4 available for research use only, not for in vitro diagnostic use

Further specific IIFT substrates for autoantibody detection available on request



Products manufactured by Euroimmun unless otherwise stated.

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For more information and products, visit: www.euroimmun.com
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