



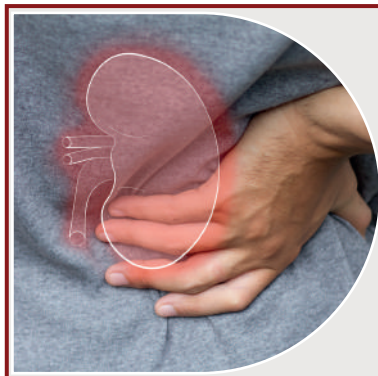
Testsystems for autoantibody detection



Rheumatology



Vasculitis



Nephrology



**Endo-
crinology**



**Gastro-
enterology**



Hepatology



Neurology



Dermatology



Rheumatology

Collagenoses/Connective tissue diseases

Antibodies against	ELISA	Blot	IIFT	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	■	■	□	
Nukleosomes	■	■	□	
Proliferating cell nuclear antigens (PCNA, Cyclin 1)	□	■	□	
Mitosin (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)		■	□	

■ Positive reaction in monospecific tests (IIFT: specific pattern, purified antigens – EUROPLUS, cell-based assay)

□ Positive reaction in screening assay

¹Manufactured by IDS



Antibodies against	ELISA	Blot	IIFT	ChLIA
Transcription intermediary factor-1 gamma (TIF1γ)		■	□	
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	IIFT	ChLIA
Cyclic citrullinated peptides (CCP)	■			■
Rheumatoid factor (RF)	■			■ ²
Sa	■			
Citrullinated alpha-enolase peptide 1 (CEP-1)	■			

Antiphospholipid syndrome (APS)

Antibodies against	ELISA	Blot	IIFT	ChLIA
Cardiolipin	■			■ ¹
β2-glycoprotein 1	■			■ ¹
Phosphatidylserine	■			



Vasculitis/Nephrology

Antibodies against	ELISA	Blot	IIFT	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)			■	

■ Positive reaction in monospecific tests (IIFT: specific pattern, purified antigens – EUROPLUS, cell-based assay)

□ Positive reaction in screening assay

¹Manufactured by IDS; ²Manufactured by Diagam



Gastroenterology

Autoimmune gastritis/Pernicious anaemia

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

Chronic inflammatory bowel diseases

Antibodies against	ELISA	Blot	IIFT	ChLIA
Pancreas acini (CUZD1 and GP2)			■	
Intestinal goblet cells (BAk)			■	
Saccharomyces cerevisiae	■	■	■	
pANCA (granulocytes)			■	



Hepatology

Antibodies against	ELISA	Blot	IIFT	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		■	□	

■ Positive reaction in monospecific tests (IIFT: specific pattern, purified antigens – EUROPLUS, cell-based assay)

□ Positive reaction in screening assay

¹ Manufactured by IDS



Antibodies against	ELISA	Blot	IIFT	ChLIA
AMA-M9		■	□	
Nuclear Dots			■	
Sp100		■	□	
PML		■	□	
Nuclear membrane			■	
gp210		■	□	
p62			□	
Lamins			□	
pANCA (granulocytes)			■	



Endocrinology

Diabetes

Antibodies against	ELISA	Blot	IIFT	ChLIA
Pancreas islets (ICA)			■	
Glutamic acid decarboxylase (GAD)	■		□	
Tyrosine phosphatase (IA2)	■		□	
Zinc transporter 8 (ZnT8)	■		□	

Thyroid diseases

Antibodies against	ELISA	Blot	IIFT	ChLIA
Thyroid peroxidase (TPO)	■		□	■ ¹
Thyroglobulin (TG)	■		■	■ ¹
TSH receptor (thyrotropin receptor)	■			

Polyendocrinopathy/Infertility

Antibodies against	ELISA	Blot	IIFT	ChLIA
Adrenal cortex			□	
Ovary			■	
Spermatozoa			■	

■ Positive reaction in monospecific tests (IIFT: specific pattern, purified antigens – EUROPLUS, cell-based assay)

□ Positive reaction in screening assay

¹Manufactured by IDS



Neurology

Paraneoplastic syndrome

Antibodies against	ELISA	Blot	IIFT	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	IIFT	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			■	

IIFT 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

■ Positive reaction in monospecific tests (IIFT: specific pattern, purified antigens – EUROPLUS, cell-based assay)
□ Positive reaction in screening assay



Other parameters

Antibodies against	ELISA	Blot	IIFT	ChLIA
Gangliosides (GM1, GM2, GM3, GD1a, GD1b, GT1b, GQ1b)		■		
Myelin			■	
Myelin-associated glycoprotein (MAG)			■	
Hippocampus			■	
Cerebellum			■	
Peripheral nerves			■	
Striated muscles			■	
Acetylcholine receptor	■		■	
Muscle-specific tyrosine kinase (MuSK)			■	

IIFT 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

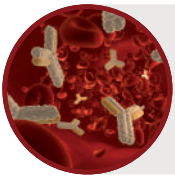


Dermatology

Antibodies against	ELISA	Blot	IIFT	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)	■			

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

■ Positive reaction in monospecific tests (IIFT: specific pattern, purified antigens – EUROPLUS, cell-based assay)
□ Positive reaction in screening assay



**Further specific IIFT substrates for autoantibody
detection available on request**

For more information and products, visit www.euroimmun.com/products/
or contact us directly autoimmune-pm@euroimmun.de



Products manufactured by EUROIMMUN unless otherwise stated

Regulatory status of the products must be verified for the user's individual jurisdiction.
Please contact your country representative for product availability and information.