GA Generic Assays GmbH

Your partner for in-vitro diagnostics

Product list

DIN EN ISO 9001:2000 and DIN EN ISO 13485:2003 certified

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Content

3003 Antistreptolysin O Latex

For the qualitative and quantitative measurement of antibodies to Anti-Streptolysin-O (ASO) in human serum
To confirm recent or on-going infection with beta-hemolytic streptococci; support diagnosing rheumatic fever and poststreptococcal glomerulonephritis in the presence of clinical symptoms; to distinguish between rheumatic fever and rheumatoid arthritis when joint pains are present

Assay principle:	qualitative and qualitative latex agglutination test	**Format:**	suspension of polystyrene particles coated with streptococcal exotoxins
Incubation time:	3 min	**Sample volume:**	40 µl undiluted serum
Standard range:	200 – 3200 IU/ml	**Cut-off:**	200 IU/ml for adults, 150 IU/ml for pediatric
Standards/Controls:	1 / 1	**Package size:**	100 determinations

3004 Staphylococcus Latex

For the qualitative detection of *Staphylococcus aureus* in cultures from Sorbitol MacConkey Agar
S. aureus can cause a range of illnesses from minor skin infections, such as pimples, impetigo, boils, cellulitis folliculitis, furuncles, carbuncles, scalded skin syndrome and abscesses, to life-threatening diseases such as pneumonia, meningitis, osteomyelitis endocarditis, Toxic shock syndrome (TSS), and septicemia. One of the most common causes of nosocomial infections, often causing postsurgical wound infections.

Assay principle:	qualitative latex agglutination test	**Format:**	suspension of polystyrene particles coated with specific antibody to 0157 antigen
Incubation time:	1 min	**Sample volume:**	2-4 colonies
Standards/Controls:	0 / 1	**Package size:**	100 determinations

3005 E. coli Latex

For the rapid identification of *E. coli* Serogroup 0157 from culture
This strain may produce Shiga-like toxins, cause severe illness, and is a member of a class of pathogenic *E. coli* known as enterohemorrhagic *Escherichia coli* or EHEC. Sometimes also referred to by their toxin producing capabilities, Verocytotoxin producing *E. coli* (VTEC) or Shiga-like Toxin producing *E. coli* (STEC)

Assay principle:	qualitative latex agglutination test	**Format:**	suspension of polystyrene particles coated with human fibrinogen and IgG
Incubation time:	1 min	**Sample volume:**	5-10 colonies
Standards/Controls:	0 / 2	**Package size:**	100 determinations

3006 Streptococcus Grouping Latex

For the detection of Streptococcal groups A, B, C, D, F and G from culture
Group A is *S. pyogenes* causing streptococcal pharyngitis ("strep throat"), acute rheumatic fever, scarlet fever, acute glomerulonephritis and necrotizing fasciitis, group B is *S. agalactiae* causes pneumonia and meningitis in neonates and the elderly, with occasional systemic bacteremia, group C Includes *S. equi* and *S. zooepidemicus causing* infections in several species of mammals and chicken, group D strains include *Streptococcus bovis* commonly found in the alimentary tract of cows, sheep, and other ruminants but it is a causative agent of endocarditis, and, more rarely, neonatal septicemia and meningitis in human and *Streptococcus equinus*. group G involves Streptococcus canis which is typically found on animals but can cause infection in humans

Assay principle:	qualitative latex agglutination test	**Format:**	suspension of polystyrene particles coated with specific antibodies to groups A, B, C, D, F and G Lancefield
Incubation time:	30-1 min	**Sample volume:**	2-6 colonies of streptococci for enzyme extraction, 50 µl of this for agglutination
Standards/Controls:	0 / 1	**Package size:**	6 x 50 determinations

3007 Syphilis Quick

For the qualitative detection of antibodies (IgG and IgM) to Treponema Pallidum (TP) whole blood, serum or plasma to aid in the diagnosis of Syphilis.

Assay principle:	Immunochromatographic assay	**Format:**	Test strip with recombinant Syphilis antigens
Incubation time:	10 min	**Sample volume:**	1 drop whole blood, 2 drops (75 µl) for serum and plasma
Package size:	20 determinations		

3008 Malaria Quick

For the qualitative detection of circulating *Plasmodium falciparum* in whole blood to aid the diagnosis of Malaria.

Assay principle:	Immunochromatographic assay	**Format:**	Test strip with *Plasmodium falciparum* antibodies
Incubation time:	10 min	**Sample volume:**	1 drop whole blood, 2 drops (75 µl) for serum and plasma
Package size:	20 determinations		

3023 IM Latex

IM Latex is used for the rapid qualitative detection of heterophil antibodies in Infectious mononucleosis (IM) in human serum or plasma.

Assay principle:	qualitative agglutination test	**Format:**	Dyed Horse Erythrocyte Stroma
Incubation time:	1 min	**Sample volume:**	50 µl serum
Standards/Controls:	0 / 2	**Package size:**	50 determinations

INFECTIOUS DISEASE - BORRELIOSIS

3200 Anti-Borrelia IgG

ELISA for the quantitative determination of IgG antibodies to Borrelia *burgdorferi* in human serum, joint fluid, and liquor

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with *B. afzelii* antigens and enriched with OspC and VlsE
Incubation time:	30-30-15 min (37°C)	**Sample volume:**	100 µl prediluted serum, 1 + 100 (v+v)
Conjugate:	anti-human-IgG-$(Fab)_2$-HRP	**Substrate:**	TMB
Standard range:	40-1000 U/ml	**Cut-off:**	61 U/ml
Standards/Controls:	4 / 2		
Package size:	96 determinations		

3300 Anti-Borrelia IgM

ELISA for the qualitative / optional quantitative determination of IgM antibodies to *Borrelia burgdorferi* in human serum, joint fluid, and liquor

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with *B. afzelii* antigens and enriched with OspC and VlsE
Incubation time:	30-30-15 min (37°C)	**Sample volume:**	100 µl prediluted serum, 1 + 100 (v+v)
Conjugate:	anti-human-IgM-HRP	**Substrate:**	TMB
Standard range:	50-500 U/ml **(optional)**	**Cut-off:**	$OD_{Negative\ control}$ + 0,45
Standards/Controls:	- / 2		
Package size:	96 determinations		

3400 Anti-Borrelia Blot IgG

Immunoblot for the qualitative determination of IgG antibodies to *Borrelia burgdorferi* in human serum

Assay principle:	Immunoblot	**Format:**	membranes coated with sonicated *B. afzelii* antigens and VlsE
Incubation time:	5-45-45-10 min	**Sample volume:**	20 µl neat serum
Conjugate:	anti-human-IgG-HRP	**Substrate:**	TMB
Package size:	27 determinations		

3500 Anti-Borrelia Blot IgM

Immunoblot for the qualitative determination of IgM antibodies to *Borrelia burgdorferi* in human serum

Assay principle:	Immunoblot	**Format:**	membranes coated with sonicated *B. afzelii* antigens and VlsE
Incubation time:	5-45-45-10 min	**Sample volume:**	20 µl neat serum
Conjugate:	anti-human-IgM-HRP	**Substrate:**	TMB
Package size:	27 determinations		

INFECTIOUS DISEASE – YERSINIOSIS

5200 Anti-Yersinia Blot IgA

Immunoblot for the qualitative determination of IgA antibodies to *Yersinia enterocolitica* in human serum or plasma

Assay principle:	Immunoblot	**Format:**	membranes coated with Yops of *Y. enterocolitica*
Incubation time:	5-45-45-10 min	**Sample volume:**	20 µl neat serum
Conjugate:	anti-human-IgA-HRP	**Substrate:**	TMB
Package size:	27 determinations		

5300 Anti-Yersinia Blot IgG

Immunoblot for the qualitative determination of IgG antibodies to *Yersinia enterocolitica* in human serum or plasma

Assay principle:	Immunoblot	**Format:**	membranes coated with Yops of *Y. enterocolitica*
Incubation time:	5-45-45-10 min	**Sample volume:**	20 µl neat serum
Conjugate:	anti-human-IgG-HRP	**Substrate:**	TMB
Package size:	27 determinations		

6001 Rotavirus Antigen

ELISA for the qualitative determination of Rotavirus antigens in fecal samples

Assay principle:	Enzyme immunoassay (one step)	**Format:**	microtiter plate coated with antirotavirus antibodies
Incubation time:	60-10 min	**Sample volume:**	50 µl diluted stool samples
Conjugate:	anti-group A-HRP	**Substrate:**	TMB
Standards/Controls:	- / 2	**Cut-off:**	$OD_{Negative\ control}$ + 0,2
Package size:	96 determinations		

6002 Adenovirus Antigen

ELISA for the qualitative determination of Adenovirus antigens in fecal samples

Assay principle:	Enzyme immunoassay (one step)	**Format:**	microtiter plate coated with antiadenovirus antibodies
Incubation time:	60-10 min	**Sample volume:**	50 µl diluted stool samples
Conjugate:	anti-hexon-HRP	**Substrate:**	TMB
Standards/Controls:	- / 2	**Cut-off:**	$OD_{Negative\ control}$ + 0,2
Package size:	96 determinations		

6004 Entamoeba histolytica Antigen

ELISA for the qualitative determination of *Entamoeba histolytica* antigens in fecal samples

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with antipeptide 1-antibodies
Incubation time:	30-30-10 min	**Sample volume:**	100 µl diluted stool samples
Conjugate:	anti-peptide 2-HRP	**Substrate:**	TMB
Standards/Controls:	- / 2	**Cut-off:**	$OD_{Negative\ control}$ + 0,2
Package size:	96 determinations		

6005 Giardia lamblia Antigen

ELISA for the qualitative determination of *Giardia lamblia* antigens in fecal samples

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with antigiardia antibodies
Incubation time:	30-30-10 min	**Sample volume:**	100 µl diluted stool samples
Conjugate:	anti-trophozoite / cyst-HRP	**Substrate:**	TMB
Standards/Controls:	- / 2	**Cut-off:**	$OD_{Negative\ control}$ + 0,2
Package size:	96 determinations		

6006 Verotoxin Antigen

ELISA for the qualitative determination of Verotoxin 1 + 2 (Shiga-Toxin 1 + 2) (enterohemorrhagic *Escherichia coli*) in faecal samples

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with antivero-toxin 1 + 2 (polycl.); monoclonal anti-verotoxin 1+2 antibodies (biotinylated)
Incubation time:	60-30-30-15 min	**Sample volume:**	100 µl diluted stool samples
Conjugate:	streptavidin-HRP	**Substrate:**	TMB
Standards/Controls:	- / 2	**Cut-off:**	$OD_{Negative\ control}$ + 0,2
Package size:	96 determinations		

6007 Clostridium difficile Antigen

ELISA for the qualitative determination of Clostridium difficile Toxin A and Toxin B in faecal samples

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with anti-toxin A and B (monocl.); polyclonal anti-toxin A and B antibodies (biotinylated)
Incubation time:	60-30-30-15 min	**Sample volume:**	100 µl diluted stool samples
Conjugate:	streptavidin-HRP	**Substrate:**	TMB
Standards/Controls:	- / 2	**Cut-off:**	$OD_{Negative\ control}$ + 0,20
Package size:	96 determinations		

6008 Astrovirus Antigen

ELISA for the qualitative determination of Astrovirus antigens in fecal samples

Assay principle:	Enzyme immunoassay (one step)	**Format:**	microtiter plate coated with anti-astrovirus antibodies
Incubation time:	60-10 min	**Sample volume:**	100 µl diluted stool samples
Conjugate:	anti-astrovirus-HRP	**Substrate:**	TMB
Standards/Controls:	- / 2	**Cut-off:**	$OD_{Negative\ control}$ + 0,10
Package size:	96 determinations		

6010 Helicobacter pylori Antigen

ELISA for the qualitative determination of Helicobacter pylori Antigen in fecal samples

Assay principle:	Enzyme immunoassay (two step)	**Format:**	microtiter plate coated with anti-Helicobacter pylori antibodies (polycl.), biotinylated anti-Helicobacter pylori antibodies (polyclonal)
Incubation time:	60-30-15 min	**Sample volume:**	100 µl diluted stool samples
Conjugate:	Streptavidin-HRP	**Substrate:**	TMB
Standards/Controls:	- / 2	**Cut-off:**	$OD_{Negative\ control}$ + 0,10
Package size:	48 determinations		

INFECTIOUS DISEASE – STOOL DIAGNOSTICS (QUICK / LATEX)

6101 Rotavirus Antigen Quick

Quick strip assay for the qualitative determination of Rotavirus antigens in fecal samples

Assay principle:	Immunochromatographic assay	**Format:**	Test strip with monoclonal anti-rotavirus antibodies
Incubation time:	10 min	**Sample volume:**	5 mm native stool samples
Package size:	25 determinations		

6102 Adenovirus Antigen Quick

Quick strip assay for the qualitative determination of Adenovirus antigens in fecal samples

Assay principle:	Immunochromatographic assay	**Format:**	Test strip with monoclonal anti-adenovirus antibodies
Incubation time:	10 min	**Sample volume:**	5 mm native stool samples
Package size:	25 determinations		

6103 Rotadeno Antigen Quick

Quick strip assay for the qualitative determination of Rotavirus and Adenovirus antigens in fecal samples

Assay principle:	Immunochromatographic assay	**Format:**	Test strip with monoclonal anti-rotavirus and anti-adenovirus antibodies
Incubation time:	10 min	**Sample volume:**	5 mm native stool samples
Package size:	25 determinations		

6110 Helicobacter Antigen Quick

Quick strip assay for the qualitative determination of Helicobacter pylori antigens in fecal samples

Assay principle:	Immunochromatographic assay	**Format:**	Test strip with monoclonal anti-Helicobacter pylori antibodies
Incubation time:	5 min	**Sample volume:**	5 mm native stool samples
Package size:	25 determinations		

61101 Helicobacter pylori Antigen positive control

Positive control Helicobacter pylori antigen (for use in kit 6110)

Package size:	2.0 ml

6117 Rotavirus Latex

For the qualitative determination of Rotavirus in faecal samples

Assay principle:	qualitative latex agglutination test	**Format:**	suspension of polystyrene particles coated with antibodies to Rotavirus
Incubation time:	2 min	**Sample volume:**	1 drop extraction solution
Standards/Controls:	0 / 1	**Package size:**	100 determinations

PERNICIOUS ANEMIA

3600 Anti-Intrinsic factor

ELISA for the semi-quantitative determination of IgG autoantibodies to intrinsic factor in human serum

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with intrinsic factor (human recombinant)
Incubation time:	30-30-15 min (37°C)	**Sample volume:**	100 µl prediluted serum, 1 + 100 (v+v)
Conjugate:	anti-human-IgG-HRP	**Substrate:**	TMB
Standards/Controls:	1 / 2	**Cut-off:**	100 µl prediluted serum, 1 + 100 (v+v)
Package size:	96 determinations		

4020 BiermAK Dot

Immunodot for the qualitative determination of IgG autoantibodies to intrinsic factor and parietal cell antigen in human serum or plasma

Assay principle:	Dot assay	**Format:**	membrane coated with intrinsic factor, H^+/K^+ ATPase (porcine)
Incubation time:	10-30-30-10 min	**Sample volume:**	10 µl neat serum
Conjugate:	anti-human-IgG-AP	**Substrate:**	NBT/BCIP
Package size:	24 x 2 determinations		

VASCULITIS / NEPHRITIS

4028 ANCA Dot

Immunodot for the qualitative determination of IgG autoantibodies to Myeloperoxidase (MPO), Proteinase 3 (PR3), and Glomerular Basement Membrane protein (GBM) in human serum or plasma

Assay principle:	Dot assay	**Format:**	membrane coated with MPO, PR3 (native human) and GBM protein NC1 α3(IV) (recombinant)
Incubation time:	10-30-30-10 min	**Sample volume:**	10 µl neat serum
Conjugate:	anti-human-IgG-AP	**Substrate:**	NBT/BCIP
Package size:	24 x 3 determinations		

4031 MPO/PR3 Dot

Immunodot for the qualitative determination of IgG autoantibodies to Myeloperoxidase (MPO) and Proteinase 3 (PR3) in human serum or plasma

Assay principle:	Dot assay	**Format:**	membrane coated with MPO and PR3 3 (native human)
Incubation time:	10-30-30-10 min	**Sample volume:**	10 µl neat serum
Conjugate:	anti-human-IgG-AP	**Substrate:**	NBT/BCIP
Package size:	24 x 2 determinations		

4034 ANCAcombi

ELISA for the qualitative and quantitative determination of IgG autoantibodies to myeloperoxidase (MPO), proteinase 3 (PR3), cathepsin G, Elastase, lactoferrin, lysozyme and bactericidal permeability-increasing protein (BPI) in human serum or plasma

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with 7 (see above) purified human antigens (profile)
Incubation time:	30-15-15 min	**Sample volume:**	100 µl diluted serum, 1 + 100 (v+v)
Conjugate:	anti-human-IgG-HRP	**Substrate:**	TMB
Standard range:	0-100 U/ml	**Cut-off:**	15 U/ml
Standards/Controls:	4(1) / -		
Package size:	7 x 12 determinations		

4058 Anti-MPO

ELISA for the qualitative and quantitative determination of IgG autoantibodies to myeloperoxidase (MPO) in human serum

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with purified human myeloperoxidase (MPO)
Incubation time:	30-15-15 min	**Sample volume:**	100 µl diluted serum, 1 + 100 (v+v)
Conjugate:	anti-human-IgG-HRP	**Substrate:**	TMB
Standard range:	0-300 U/ml	**Cut-off:**	15 U/ml
Standards/Controls:	6 / 2		
Package size:	96 determinations		

4059 Anti-PR3

ELISA for the qualitative and quantitative determination of IgG autoantibodies to proteinase 3 (PR3) in human serum

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with purified human proteinase 3 (PR3)
Incubation time:	30-15-15 min	**Sample volume:**	100 µl diluted serum, 1 + 100 (v+v)
Conjugate:	anti-human-IgG-HRP	**Substrate:**	TMB
Standard range:	0-300 U/ml	**Cut-off:**	15 U/ml
Standards/Controls:	6 / 2		
Package size:	96 determinations		

4092 Anti-PR3 plus

ELISA for the highly sensitive qualitative and quantitative determination of IgG autoantibodies to proteinase 3 (PR3) in human serum

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with purified human proteinase 3 (PR3) from neutrophil granulocytes
Incubation time:	60-30-15 min	**Sample volume:**	100 µl diluted serum, 1 + 100 (v+v)
Conjugate:	anti-human-IgG-HRP	**Substrate:**	TMB
Standard range:	1-300 U/ml	**Cut-off:**	10 U/ml
Standards/Controls:	5 / 1		
Package size:	96 determinations		

4062 Anti-GBM

ELISA for the qualitative and quantitative determination of IgG autoantibodies to glomerular basement membrane protein (GBM) in human serum

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with recombinant human glomerular basement membrane protein NC1 α3(IV)
Incubation time:	30-15-15 min	**Sample volume:**	100 µl diluted serum, 1 + 100 (v+v)
Conjugate:	anti-human-IgG-HRP	**Substrate:**	TMB
Standard range:	0-300 U/ml	**Cut-off:**	15 U/ml
Standards/Controls:	6 / 2		
Package size:	96 determinations		

CELIAC DISEASE / CROHN'S DISEASE

3700 Anti-Gliadin IgA

ELISA for the quantitative determination of IgA antibodies to gliadin in human serum

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with gliadin
Incubation time:	30-30-15 min (37°C)	**Sample volume:**	100 µl prediluted serum, 1 + 100 (v+v)
Conjugate:	anti-human-IgA-HRP	**Substrate:**	TMB
Standard range:	10-350 U/ml	**Cut-off:**	15 U/ml
Standards/Controls:	4 / 1		
Package size:	96 determinations		

3800 Anti-Gliadin IgG

ELISA for the quantitative determination of IgG antibodies to gliadin in human serum

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with gliadin
Incubation time:	30-30-15 min (37°C)	**Sample volume:**	100 µl prediluted serum, 1 + 100 (v+v)
Conjugate:	anti-human-IgG-HRP	**Substrate:**	TMB
Standard range:	10-325 U/ml	**Cut-off:**	30 U/ml
Standards/Controls:	4 / 1		
Package size:	96 determinations		

4002 CeliAK IgG Dot

Immunodot for the qualitative determination of IgG antibodies to gliadin and autoantibodies to tissue transglutaminase in human serum or plasma

Assay principle:	Dot assay	**Format:**	membrane coated with tissue transglutaminase, (human recombinant) and gliadin
Incubation time:	10-30-30-10 min	**Sample volume:**	10 µl neat serum
Conjugate:	anti-human-IgG-AP	**Substrate:**	NBT/BCIP
Package size:	24 x 2 determinations		

4006 ASCA IgA

ELISA for the quantitative and qualitative determination of IgA antibodies to *Saccharomyces cerevisiae* (ASCA) in human serum

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with mannan of *Saccharomyces cerevisiae*
Incubation time:	30-30-15 min (37°C)	**Sample volume:**	100 µl prediluted serum, 1 + 100 (v+v)
Conjugate:	anti-human-IgA-HRP	**Substrate:**	TMB
Standard range:	20-300 U/ml	**Cut-off:**	20 U/ml or 1.0 Binding index
Standards/Controls:	4 / 1		
Package size:	96 determinations		

4007 ASCA IgG

ELISA for the quantitative and qualitative determination of IgG antibodies to *Saccharomyces cerevisiae* (ASCA) in human serum

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with mannan of *Saccharomyces cerevisiae*
Incubation time:	30-30-15 min (37°C)	**Sample volume:**	100 µl prediluted serum, 1 + 100 (v+v)
Conjugate:	anti-human-IgA-HRP	**Substrate:**	TMB
Standard range:	20-300 U/ml	**Cut-off:**	20 U/ml or 1.0 Binding index
Standards/Controls:	4 / 1		
Package size:	96 determinations		

4008 CeliAK Dot

Immunodot for the qualitative determination of IgA antibodies to gliadin and autoantibodies to tissue transglutaminase in human serum or plasma

Assay principle:	Dot assay	**Format:**	membrane coated with tissue transglutaminase, (human recombinant) and gliadin
Incubation time:	10-30-30-10 min	**Sample volume:**	10 µl neat serum
Conjugate:	anti-human-IgA-AP	**Substrate:**	NBT/BCIP
Package size:	24 x 2 determinations		

4033 Anti-huTransG

ELISA for the quantitative determination of IgA autoantibodies to tissue transglutaminase in human serum

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with tissue transglutaminase (recombinant human) and gliadin traces
Incubation time:	30-30-15 min (37°C)	**Sample volume:**	100 µl prediluted serum, 1 + 100 (v+v)
Conjugate:	anti-human-IgA-HRP	**Substrate:**	TMB
Standard range:	10-500 U/ml	**Cut-off:**	20 U/ml
Standards/Controls:	4 / 1		
Package size:	96 determinations		

4035 CeliAK EmA human

ELISA the quantitative determination of IgA autoantibodies to endomysial antigens (EmA) in human serum

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with purified endomysial antigens (human)
Incubation time:	30-30-15 min (37°C)	**Sample volume:**	100 µl prediluted serum, 1 + 100 (v+v)
Conjugate:	anti-human-IgA-HRP	**Substrate:**	TMB
Standard range:	10-450 U/ml	**Cut-off:**	20 U/ml
Standards/Controls:	4 / 1		
Package size:	96 determinations		

4044 Anti-hu tTG IgG

ELISA for the quantitative determination of IgG autoantibodies to tissue transglutaminase in human serum

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with tissue transglutaminase (recombinant human) and gliadin traces
Incubation time:	30-30-15 min (37°C)	**Sample volume:**	100 µl prediluted serum, 1 + 100 (v+v)
Conjugate:	anti-human-IgG-HRP	**Substrate:**	TMB
Standard range:	10-500 U/ml	**Cut-off:**	20 U/ml
Standards/Controls:	4 / 1		
Package size:	96 determinations		

4045 CeliAK EmA human IgG

ELISA the quantitative determination of IgG autoantibodies to endomysial antigens (EmA) in human serum

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with purified endomysial antigens (human)
Incubation time:	30-30-15 min (37°C)	**Sample volume:**	100 µl prediluted serum, 1 + 50 (v+v)
Conjugate:	anti-human-IgA-HRP	**Substrate:**	TMB
Standard range:	10-450 U/ml	**Cut-off:**	20 U/ml
Standards/Controls:	4 / 1		
Package size:	96 determinations		

4086 GastrAK IgA Dot

Immunodot for the qualitative determination of IgA antibodies to Gliadin, tissue transglutaminase and mannan of *Saccharomyces cerevisiae* in human serum or plasma

Assay principle:	Dot assay	**Format:**	membrane coated with Gliadin, tissue transglutaminase and mannan of *Saccharomyces cerevisiae*
Incubation time:	5-45-45-10 min	**Sample volume:**	15 µl neat serum
Conjugate:	anti-human-IgA-HRP	**Substrate:**	TMB
Package size:	20 x 3 determinations		

4087 GastrAK IgG Dot

Immunodot for the qualitative determination of IgG antibodies to Gliadin, tissue transglutaminase and mannan of *Saccharomyces cerevisiae* in human serum or plasma

Assay principle:	Dot assay	**Format:**	membrane coated with Gliadin, tissue transglutaminase and mannan of *Saccharomyces cerevisiae*
Incubation time:	5-45-45-10 min	**Sample volume:**	15 µl neat serum
Conjugate:	anti-human-IgA-HRP	**Substrate:**	TMB
Package size:	20 x 3 determinations		

5001 Human IgA

ELISA the quantitative determination of human immunoglobulin A in human serum for the diagnosis of immunoglobulin A deficiency

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with polyclonal antibodies (sheep) to human IgA
Incubation time:	30-30-15 min	**Sample volume:**	100 µl prediluted serum, 1 + 5.000 (v+v)
Conjugate:	anti-human-IgA-HRP	**Substrate:**	TMB
Standard range:	0.1 – 6 g/l	**Normal range:**	0.7 – 5 g/l
Standards/Controls:	5 / 1		
Package size:	96 determinations		

AUTOIMMUNE HEPATITIS

3900 Anti-ASGPR

Enzyme immunoassay for the semi-quantitative determination of IgG antibodies to asialoglycoprotein receptor in human serum or plasma

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with purified ASGPR from rabbit liver
Incubation time:	60(37°C)-30(37°C)-10 min	**Sample volume:**	100 µl diluted serum, 1 + 100 (v+v)
Conjugate:	anti-human-IgG-HRP	**Substrate:**	TMB
Standards/Controls:	1 / 2	**Cut-off:**	1,0 Binding index
Package size:	96 determinations		

4029 HepAK Dot

Immunodot for the qualitative determination of IgG antibodies to M2, LKM1, LC1 and SLA in human serum or plasma

Assay principle:	Dot assay	**Format:**	membrane coated with M2, LKM1, LC1 (human recombinant) and SLA (rat)
Incubation time:	10-30-30-10 min	**Sample volume:**	10 µl neat serum
Conjugate:	anti-human-IgG-AP	**Substrate:**	NBT/BCIP
Package size:	24 x 4 determinations		

4030 HepAK plus Dot

Immunodot for the qualitative determination of IgG antibodies to M2, LKM1, LC1, SLA, and F-actin in human serum or plasma

Assay principle:	Dot assay	**Format:**	membrane coated with M2, LKM1, LC1 (human recombinant), SLA (rat) and F-actin (rabbit)
Incubation time:	10-30-30-10 min	**Sample volume:**	10 µl neat serum
Conjugate:	anti-human-IgG-AP	**Substrate:**	NBT/BCIP
Package size:	24 x 5 determinations		

4052 Anti-M2

Enzyme immunoassay for the determination of IgG antibodies to the native mitochondrial M2 antigen in human serum or plasma

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with highly purified native mitochondrial antigen M2
Incubation time:	30-15-15 min	**Sample volume:**	100 µl diluted serum, 1 + 100 (v+v)
Conjugate:	anti-human-IgG-HRP	**Substrate:**	TMB
Standard range:	0-300 U/ml	**Cut-off:**	15 U/ml
Standards/Controls:	6 / 2		
Package size:	96 determinations		

4053 Anti-LKM-1

Enzyme immunoassay for the determination of IgG antibodies to cytochrome p450 IID6 in human serum or plasma

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with human recombinant cytochrome P450 IID6
Incubation time:	30-15-15 min	**Sample volume:**	100 µl diluted serum, 1 + 100 (v+v)
Conjugate:	anti-human-IgG-HRP	**Substrate:**	TMB
Standard range:	0-300 U/ml	**Cut-off:**	15 U/ml
Standards/Controls:	6 / 2		
Package size:	96 determinations		

4054 Anti-LC-1

Enzyme immunoassay for the determination of IgG antibodies to formiminotransferase-cyclodeaminase in human serum or plasma

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with human recombinant formiminotransferase-cyclodeaminase
Incubation time:	30-15-15 min	**Sample volume:**	100 µl diluted serum, 1 + 100 (v+v)
Conjugate:	anti-human-IgG-HRP	**Substrate:**	TMB
Standard range:	0-300 U/ml	**Cut-off:**	15 U/ml
Standards/Controls:	6 / 2		
Package size:	96 determinations		

4082 M2 Dot

Immunodot for the qualitative determination of IgG and IgM antibodies to M2 in human serum or plasma

Assay principle:	Dot assay	**Format:**	membrane coated with M2 (human recombinant)
Incubation time:	10-30-30-10 min	**Sample volume:**	10 µl neat serum
Conjugate:	anti-human-IgG/IgM-AP	**Substrate:**	NBT/BCIP
Package size:	24 x 1 determinations		

4099 HepAK 7 plus Dot

Immunodot for the qualitative determination of IgG antibodies to M2, LKM1, LC1, SLA, F-actin, gp210, and sp100 in human serum or plasma

Assay principle:	Dot assay	**Format:**	membrane coated with M2, LKM1, LC1, gp2100, sp100 (human recombinant), SLA (rat) and F-actin (rabbit)
Incubation time:	10-30-30-10 min	**Sample volume:**	10 µl neat serum
Conjugate:	anti-human-IgG-AP	**Substrate:**	NBT/BCIP
Package size:	24 x 5 determinations		

4014 Anti-Cardiolipin Screen

ELISA for the semi-quantitative determination of IgG, IgM and IgA antibodies (screening) to cardiolipin in human serum or plasma

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with cardiolipin and ß$_2$ GP-I
Incubation time:	30-30-15 min	**Sample volume:**	100 µl prediluted serum 1+100 (v+v)
Conjugate:	anti-human-IgG/IgM/IgA-HRP	**Substrate:**	TMB
Standards/Controls:	1 / 1	**Cut-off:**	OD $_{Calibrator}$ x factor, 1.0 BI
Package size:	96 determinations		

4016 Anti-Cardiolipin

ELISA for the quantitative determination of IgG or IgM antibodies to cardiolipin in human serum or plasma

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with cardiolipin and ß$_2$ GP-I
Incubation time:	30-30-15 min	**Sample volume:**	100 µl prediluted serum 1+100 (v+v)
Conjugate:	anti-human-IgG or IgM-HRP	**Substrate:**	TMB
Standard range:	IgG: 7.5-120 U/ml / IgM: 5-80 U/ml	**Cut-off:**	IgG: 10 U/ml / IgM: 10 U/ml
Standards/Controls:	4 / 2		
Package size:	96 determinations		

4017 Anti-Cardiolipin IgA

ELISA for the quantitative determination of IgA antibodies to cardiolipin in human serum or plasma

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with cardiolipin and ß$_2$ GP-I
Incubation time:	30-30-15 min	**Sample volume:**	100 µl prediluted serum 1+100 (v+v)
Conjugate:	anti-human-IgA-HRP	**Substrate:**	TMB
Standard range:	7,5-120 U/ml	**Cut-off:**	10 U/ml
Standards/Controls:	4 / 2		
Package size:	96 determinations		

4036 Anti-ß$_2$ GP I Screen

ELISA for the semi-quantitative determination of IgG, IgM and IgA antibodies (screening) to ß$_2$ glycoprotein I (ß$_2$GP-I) in human serum or plasma

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with ß$_2$ glycoprotein I
Incubation time:	30-30-15 min	**Sample volume:**	100 µl prediluted serum 1+100 (v+v)
Conjugate:	anti-human-IgG/IgM/IgA-HRP	**Substrate:**	TMB
Standards/Controls:	1 / 1	**Cut-off:**	OD $_{Calibrator}$ x factor, 1.0 BI
Package size:	96 determinations		

4041 Anti-ß$_2$ GP I

ELISA for the quantitative determination of IgG or IgM antibodies to ß$_2$ glycoprotein I (ß$_2$GP-I) in human serum or plasma

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with ß$_2$ glycoprotein I
Incubation time:	30-30-15 min	**Sample volume:**	100 µl prediluted serum 1+100 (v+v)
Conjugate:	anti-human-IgG- or -IgM-HRP	**Substrate:**	TMB
Standard range:	IgG: 7.5-120 U/ml / IgM: 5-80 U/ml	**Cut-off:**	IgG: 10 U/ml / IgM: 10 U/ml
Standards/Controls:	5 / 1		
Package size:	96 determinations		

4050 Anti–Phospholipid screen

ELISA for the quantitative determination of IgG or IgM antibodies to phospholipids (cardiolipin, phosphatidyl-serine, - inositol, phosphatidic acid) in human serum or plasma

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with ß$_2$ GP-I, cardiolipin, phosphatidyl-serine, - inositol and phosphatidic acid
Incubation time:	30-15-15 min	**Sample volume:**	100 µl prediluted serum 1+100 (v+v)
Conjugate:	anti-human-IgG or IgM-HRP	**Substrate:**	TMB
Standard range:	IgG / IgM: 0-300 U/ml	**Cut-off:**	IgG: 15 U/ml / IgM: 15 U/ml
Standards/Controls:	6 / 2		
Package size:	96 determinations		

4051 Anti–Prothrombin

ELISA for the quantitative determination of IgG or IgM antibodies to prothrombin in human serum or plasma

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with native human Prothrombin and serine
Incubation time:	30-15-15 min	**Sample volume:**	100 µl prediluted serum 1+100 (v+v)
Conjugate:	anti-human-IgG or IgM-HRP	**Substrate:**	TMB
Standard range:	IgG / IgM: 0-300 U/ml	**Cut-off:**	IgG: 15 U/ml / IgM: 15 U/ml
Standards/Controls:	6 / 2		
Package size:	96 determinations		

4056 Anti–Phosphatidyl serine

ELISA for the quantitative determination of IgG or IgM antibodies to phosphatidylserine in human serum or plasma

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with phosphatidylserine and $ß_2$ glycoprotein I
Incubation time:	60-30-15 min	**Sample volume:**	100 µl prediluted serum 1+100 (v+v)
Conjugate:	anti-human-IgG or IgM-HRP	**Substrate:**	TMB
Standard range:	IgG: 7.5-120 U/ml; IgM: 5-80 U/ml	**Cut-off:**	IgG: 15 U/ml / IgM: 10 U/ml
Standards/Controls:	4 / 2 x 1		
Package size:	96 determinations		

4057 Anti–Annexin V

ELISA for the quantitative determination of IgG or IgM antibodies to Annexin V in human serum or plasma

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with Annexin V
Incubation time:	30-15-15 min	**Sample volume:**	100 µl prediluted serum 1+100 (v+v)
Conjugate:	anti-human-IgG or IgM-HRP	**Substrate:**	TMB
Standard range:	IgG / IgM: 0-300 U/ml	**Cut-off:**	IgG: 15 U/ml / IgM: 15 U/ml
Standards/Controls:	6 / 2		
Package size:	96 determinations		

IMMUNOFLUORESCENCE - ANA/ENA

8100 ANA HEp-2

Indirect immunofluorescence assay (IFA) for the determination of autoantibodies to nuclear and cytoplasmic antigens in human serum

Assay principle:	Indirect immunofluorescence assay (IIF)	**Format:**	Slides coated with HEp-2 cells
Incubation time:	30-30 min	**Sample volume:**	25 µl prediluted serum
Conjugate:	anti-human-(IgG+light chain)-FITC		
Package size:	10 x 12 determinations		

ANA HEp-2 single components

8006	HEp-2 slides	6 wells
8012	HEp-2 slides	12 wells
8116	HEp-2 slides	16 wells
8001	HEp-2 conjugate, anti-human IgG (heavy + light chain) - FITC	3.5 ml
8004	IFA Diluent	60 ml
8005	PBS Buffer	10 g (preparing 1 l)
8008	Mounting medium	3.5 ml
8002	Positive control ANA homogeneous	0.5 ml
8003	ANA negative control	0.5 ml
8013	Positive control ANA nukleolar	0.5 ml
8014	Positive control ANA centromer	0.5 ml
8015	Positive control ANA RNP	0.5 ml
8016	Positive control ANA SS-A	0.5 ml
8017	Positive control ANA SS-B	0.5 ml
8018	Positive control ANA Scl-70	0.5 ml

82050 nDNA IgG IFA plus

Indirect immunofluorescence assay (IFA) for the determination of IgG antibodies to native DNA in human serum

Assay principle:	Indirect immunofluorescence assay	**Format:**	Slides coated with *Crithidia luciliae* cells
Incubation time:	30-30 min	**Sample volume:**	25 µl prediluted serum
Conjugate:	anti-human-IgG (sheep)-FITC		
Package size:	10 x 5 determinations		

82100 nDNA IgG IFA plus

Indirect immunofluorescence assay (IFA) for the determination of IgG antibodies to native DNA in human serum

Assay principle:	Indirect immunofluorescence assay	**Format:**	Slides coated with *Crithidia luciliae* cells
Incubation time:	30-30 min	**Sample volume:**	25 µl prediluted serum
Conjugate:	anti-human-IgG (sheep)-FITC		
Package size:	10 x 10 determinations		

SYSTEMIC INFLAMMATORY RHEUMATIC DISEASES - ANA/ENA SCREENING (ELISA)

4010 ANAscreen

ELISA for the semi-quantitative simultaneous determination of autoantibodies to 8 nuclear and cytoplasmic antigens in human serum or plasma

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with dsDNA, RNP (68kDa, A,C), Sm, SS-A (60kDa), SS-B, Scl-70, CENP-B, Jo-1
Incubation time:	30-30-15 min (37°C)	**Sample volume:**	100 µl prediluted serum 1+100 (v+v)
Conjugate:	anti-human-IgG-HRP	**Substrate:**	TMB
Standards/Controls:	1 / 1	**Cut-off:**	$OD_{Calibrator}$ x factor, 1.0 BI
Package size:	96 determinations		

4011 ENAscreen

ELISA for the semi-quantitative simultaneous determination of autoantibodies to 6 nuclear and cytoplasmic antigens in human serum or plasma

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with RNP (68kDa, A,C), Sm, SS-A (60kDa), SS-B, Scl-70, Jo-1
Incubation time:	30-30-15 min (37°C)	**Sample volume:**	100 µl prediluted serum 1+100 (v+v)
Conjugate:	anti-human-IgG-HRP	**Substrate:**	TMB
Standards/Controls:	1 / 1	**Cut-off:**	$OD_{Calibrator}$ x factor, 1.0 BI
Package size:	96 determinations		

4013 ENAscreen N

ELISA for the semi-quantitative simultaneous determination of autoantibodies to 8 nuclear and cytoplasmic antigens in human serum or plasma

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with RNP (68kDa, A,C), Sm, SS-A (60kDa), SS-B, Scl-70, Jo-1, nucleosomes, histones
Incubation time:	30-30-15 min (37°C)	**Sample volume:**	100 µl prediluted serum 1+100 (v+v)
Conjugate:	anti-human-IgG-HRP	**Substrate:**	TMB
Standards/Controls:	1 / 1	**Cut-off:**	$OD_{Calibrator}$ x factor, 1.0 BI
Package size:	96 determinations		

SYSTEMIC INFLAMMATORY RHEUMATIC DISEASES - ANA/ENA PROFILES (ELISA)

4009 ENApro N

ELISA for the semi-quantitative determination of separate autoantibodies to 8 nuclear and cytoplasmic antigens in human serum or plasma

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with recombinant RNP (68kDa, A, C), Sm, SS-A (60kDa), SS-B, Scl-70, Jo-1, nucleosomes, histones
Incubation time:	30-30-15 min(37°C)	**Sample volume:**	8 x 100 µl prediluted serum 1+100 (v+v)
Conjugate:	anti-human-IgG-HRP	**Substrate:**	TMB
Standards/Controls:	1 / 1	**Cut-off:**	$OD_{Calibrator}$ x factor, 1.0 BI
Package size:	12 x 8 determinations		

4012 ANApro

ELISA for the semi-quantitative separate determination of autoantibodies to 8 nuclear and cytoplasmic antigens in human serum or plasma

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with ds-DNA, RNP (68kDa, A, C), Sm, SS-A (60kDa), SS-B, Scl-70, CENP-B, Jo-1
Incubation time:	30-30-15 min (37°C)	**Sample volume:**	8 x 100 µl prediluted serum 1+100 (v+v)
Conjugate:	anti-human-IgG-HRP	**Substrate:**	TMB
Standards/Controls:	1 / 1	**Cut-off:**	$OD_{Calibrator}$ x factor, 1.0 BI
Package size:	12 x 8 determinations		

SYSTEMIC INFLAMMATORY RHEUMATIC DISEASES - ANA/ENA PROFILES (DOT)

4004 ANA Dot

Immunodot for the separate determination of autoantibodies to nuclear and cytoplasmic antigens in human serum or plasma

Assay principle:	Dot assay	**Format:**	membrane coated with nucleosomes, Sm, Sm/RNP, SS-B, Jo-1, Scl-70 (bovin), SS-A, (human recombinant)
Incubation time:	10-30-30-10 min	**Sample volume:**	10 µl neat serum
Conjugate:	anti-human-IgG-AP	**Substrate:**	NBT/BCIP
Package size:	24 x 7 determinations		

4049 PMScl plus Dot

Immunodot for the separate determination of autoantibodies to nuclear and cytoplasmic antigens in human serum or plasma

Assay principle:	Dot assay	**Format:**	membrane coated with Jo-1, Scl-70 (bovin), PL-7, PL-12, PMScl, Mi2, Ku (human recombinant)
Incubation time:	10-30-30-10 min	**Sample volume:**	10 µl neat serum
Conjugate:	anti-human-IgG-AP	**Substrate:**	NBT/BCIP
Package size:	24 x 7 determinations		

4074 ANAscl plus Dot

Immunodot for the separate determination of autoantibodies to nuclear and cytoplasmic antigens in human serum or plasma

Assay principle:	Dot assay	**Format:**	membrane coated with Sm, Sm/RNP, SS-B, Jo-1, Scl-70 (bovin), SS-A, PMScl, Ku, CENP, PCNA (human recombinant)
Incubation time:	10-30-30-10 min	**Sample volume:**	10 µl neat serum
Conjugate:	anti-human-IgG-AP	**Substrate:**	NBT/BCIP
Package size:	24 x 10 determinations		

4076 ANAcyto plus Dot

Immunodot for the separate determination of autoantibodies to cytoplasmic antigens in human serum or plasma

Assay principle:	Dot assay	**Format:**	membrane coated with M2, Jo-1, ribosomes (bovin), PL-7, PL-12 (human recombinant)
Incubation time:	10-30-30-10 min	**Sample volume:**	10 µl neat serum
Conjugate:	anti-human-IgG-AP	**Substrate:**	NBT/BCIP
Package size:	24 x 5 determinations		

4077 ENA Dot

Immunodot for the separate determination of autoantibodies to nuclear and cytoplasmic antigens in human serum or plasma

Assay principle:	Dot assay	**Format:**	membrane coated with Sm, Sm/RNP, SS-B, Jo-1, Scl-70 (bovin), SS-A, (human recombinant)
Incubation time:	10-30-30-10 min	**Sample volume:**	10 µl neat serum
Conjugate:	anti-human-IgG-AP	**Substrate:**	NBT/BCIP
Package size:	24 x 6 determinations		

4081 Lupus Dot

Immunodot for the separate determination of autoantibodies to nuclear and cytoplasmic antigens in human serum or plasma

Assay principle:	Dot assay	**Format:**	membrane coated with nukleosomes, histones, Sm, ribosomes (bovin)
Incubation time:	10-30-30-10 min	**Sample volume:**	10 µl neat serum
Conjugate:	anti-human-IgG-AP	**Substrate:**	NBT/BCIP
Package size:	24 x 4 determinations		

4089 ANA 12 Line Dot

Immunodot for the separate determination of autoantibodies to nuclear and cytoplasmic antigens in human serum or plasma

Assay principle:	Dot assay	**Format:**	membrane coated with dsDNA, nukleosomes, Sm, P0, histones, RNP (A, C, 70), SS-A (60), SS-A (52), SS-B, Scl-70, CENP-B and Jo-1
Incubation time:	5-45-45-10 min	**Sample volume:**	15 µl neat serum
Conjugate:	anti-human-IgG-HPR	**Substrate:**	TMB
Package size:	20 x 12 determinations		

SYSTEMIC INFLAMMATORY RHEUMATIC DISEASES - SINGLE PARAMETER (ELISA)

4000 Anti-rP

ELISA for the quantitative determination of IgG autoantibodies to ribosomal phosphoproteins (rP) in human serum

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with ribosomal phosphoproteins (P0, P1, P2)
Incubation time:	30-15-15 min	**Sample volume:**	100 µl prediluted serum, 1 + 100 (v+v)
Conjugate:	anti-human-IgG-HRP	**Substrate:**	TMB
Standard range:	0-300 U/ml	**Cut-off:**	15 U/ml
Standards/Controls:	6 / 2		
Package size:	96 determinations		

4001 Anti-Nucleo

ELISA for the qualitative and quantitative determination of autoantibodies to nucleosomes in human serum or plasma

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with purified nucleosomes (avian)
Incubation time:	30-30-10 min	**Sample volume:**	100 µl prediluted serum, 1 + 100 (v+v)
Conjugate:	anti-human-IgG-HRP	**Substrate:**	TMB
Standard range:	0-400 U / ml	**Cut-off:**	50 U/ml
Standards/Controls:	5 / 1		
Package size:	96 determinations		

4015 Anti-dsDNA

ELISA for the qualitative and quantitative determination of IgG antibodies to double-stranded desoxyribonucleic acid (dsDNA) in human serum or plasma

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with recombinant plasmid-dsDNA
Incubation time:	30-30-15 min	**Sample volume:**	100 µl prediluted serum 1+100 (v+v)
Conjugate:	anti-human-IgG-HRP	**Substrate:**	TMB
Standard range:	12,5-200 IU / ml	**Cut-off:**	35 IU/ml or 1.2 Binding index
Standards/Controls:	5 / 1		
Package size:	96 determinations		

4097 Antichromatin Latex

For the qualitative and semi-quantitative measurement of antibodies to deoxyribonucleoprotein (DNP) associated with Systematic Lupus Erythematosis (SLE) in human serum

Assay principle:	Semi-qualitative and qualitative latex agglutination test	**Format:**	suspension of polystyrene particles coated with chromatin isolated from fetal calf thymus
Incubation time:	1 min	**Sample volume:**	40 µl undiluted serum
Standards/Controls:	0 / 2	**Cut-off:**	Agglutination within 1 minute is positive
Package size:	100 determinations		

SYSTEMIC INFLAMMATORY RHEUMATIC DISEASES - RHEUMATOID ARTHRITIS

4027 RF IgA

ELISA for the quantitative determination of IgA antibodies to Fc region of IgG in human serum or plasma

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with IgG (rabbit)
Incubation time:	30-30-15 min (37°C)	**Sample volume:**	100 µl prediluted serum 1+100 (v+v)
Conjugate:	anti-human-IgA-HRP	**Substrate:**	TMB
Standard range:	6-200 U / ml	**Cut-off:**	30 U / ml
Standards/Controls:	5 / 1		
Package size:	96 determinations		

4046 RF IgM

ELISA for the quantitative determination of IgM antibodies to Fc region of IgG in human serum or plasma

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with IgG (rabbit)
Incubation time:	30-30-15 min (37°C)	**Sample volume:**	100 µl prediluted serum 1+100 (v+v)
Conjugate:	anti-human-IgM-HRP	**Substrate:**	TMB
Standard range:	6-200 IU / ml	**Cut-off:**	15 IU / ml
Standards/Controls:	5 / 1		
Package size:	96 determinations		

4085 RF IgG

ELISA for the quantitative determination of IgG antibodies to Fc region of IgG in human serum or plasma

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with IgG (rabbit)
Incubation time:	30-30-15 min (37°C)	**Sample volume:**	100 µl prediluted serum 1+100 (v+v)
Conjugate:	anti-CRP-POD	**Substrate:**	TMB
Standard range:	6-100 U / ml	**Cut-off:**	30 U / ml
Standards/Controls:	5 / 1		
Package size:	96 determinations		

4096 RF Latex

For the qualitative and semi-quantitative measurement of Rheumatoid Factor (RF) in human serum

Assay principle:	Semi-qualitative and qualitative latex agglutination test	**Format:**	suspension of polystyrene particles coated with human IgG
Incubation time:	2 min	**Sample volume:**	40 µl undiluted serum
Standards/Controls:	1 / 1	**Cut-off:**	20 U / ml
Package size:	100 determinations		

SYSTEMIC INFLAMMATORY DISEASES

4100 Human CRP

ELISA for the highly sensitive quantitative determination of C-reactive protein (CRP) in human serum

Assay principle:	Enzyme immunoassay	**Format:**	microtiter plate coated with anti-CRP (sheep)
Incubation time:	30-30-15 min (37°C)	**Sample volume:**	25 µl prediluted serum 1+100 (v+v)
Conjugate:	anti-human-IgG-HRP	**Substrate:**	TMB
Standard range:	0.25-25 mg / l	**Reference value:**	≤ 5 mg / l
Standards/Controls:	5 / 1		
Package size:	96 determinations		

4095 CRP Latex

For the qualitative and semi-quantitative measurement of C-reactive protein (CRP) in human serum

Assay principle:	Semi-qualitative and qualitative latex agglutination test	**Format:**	suspension of polystyrene particles coated with anti-CRP
Incubation time:	2 min	**Sample volume:**	40 µl undiluted serum
Standards/Controls:	1 / 1	**Cut-off:**	8 mg / l
Package size:	100 determinations		

NEUROPATHIES

5003 Anti-Gangliosid Dot

Immunodot for qualitative determination of IgG or IgM antibodies to gangliosides in human serum

Assay principle:	Dot Assay (Sandwich-Typ)	**Format:**	membranes coated with GM1, GM2, GM3, GM4, GD1a, GD1b, GD2, GD3, GT1a, GT1b, GQ1b, sulfatides
Incubation time:	120 (4°C)-60 (4°C)-10	**Sample volume:**	10µl neat serum
Conjugate:	anti-human-IgG or –IgM-POD	**Substrate:**	TMB
Package size:	20x12 determinations		

5005 Anti-Gangliosid 7 Dot

Immunodot for qualitative determination of IgG or IgM antibodies to gangliosides in human serum

Assay principle:	Dot Assay (Sandwich-Typ)	**Format:**	membranes coated with GM1, GM2, GD1a, GD1b, GT1a, GT1b, GQ1b
Incubation time:	120 (4°C)-60 (4°C)-10	**Sample volume:**	10µl neat serum
Conjugate:	anti-human-IgG or –IgM-POD	**Substrate:**	TMB
Package size:	20x7 determinations		

IMMUNOFLUORESCENCE – TISSUE SECTIONS

83048 AMA IFA

Indirect immunofluorescence assay (IFA) for the determination of anti-mitochondrial antibodies (AMA, polyvalent) in human serum

Assay principle:	Indirect immunofluorescence (IIF)	**Format:**	slides with tissue sections (rat kidney)
Incubation time:	30-30 min	**Sample volume:**	50 µl diluted serum
Conjugate:	anti-human-IgG (sheep)-FITC		
Package size:	48 (12 x 4) determinations		

83096 AMA IFA

Indirect immunofluorescence assay (IFA) for the determination of anti-mitochondrial antibodies (AMA, polyvalent) in human serum

Assay principle:	Indirect immunofluorescence (IIF)	**Format:**	slides with tissue sections (rat kidney)
Incubation time:	30-30 min	**Sample volume:**	50 µl diluted serum
Conjugate:	anti-human-IgG (sheep)-FITC		
Package size:	96 (12 x 8) determinations		

84048 ASMA IFA

Indirect immunofluorescence assay (IFA) for the determination of antibodies to the smooth muscle (ASMA, polyvalent) in human serum

Assay principle:	Indirect immunofluorescence (IIF)	**Format:**	slides with tissue sections (rat stomach)
Incubation time:	30-30 min	**Sample volume:**	50 µl diluted serum
Conjugate:	anti-human-IgG (sheep)-FITC		
Package size:	48 (12 x 4) determinations		

84096 ASMA IFA

Indirect immunofluorescence assay (IFA) for the determination of antibodies to the smooth muscle (ASMA, polyvalent) in human serum

Assay principle:	Indirect immunofluorescence (IIF)	**Format:**	slides with tissue sections (rat stomach)
Incubation time:	30-30 min	**Sample volume:**	50 µl diluted serum
Conjugate:	anti-human-IgG (sheep)-FITC		
Package size:	96 (12 x 8) determinations		

85048 Triple IFA

Indirect immunofluorescence assay (IFA) for the determination of autoantibodies (ANA/AMA/ASMA/APCA) in human serum

Assay principle:	Indirect immunofluorescence (IIF)	**Format:**	slides with rat tissue sections (liver / stomach / kidney)
Incubation time:	30-30 min	**Sample volume:**	50 µl diluted serum
Conjugate:	anti-human-IgG (sheep)-FITC		
Package size:	48 (12 x 4) determinations		

85096 Triple IFA

Indirect immunofluorescence assay (IFA) for the determination of autoantibodies (ANA/AMA/ASMA/APCA) in human serum

Assay principle:	Indirect immunofluorescence (IIF)	**Format:**	slides with rat tissue sections (liver / stomach / kidney)
Incubation time:	30-30 min	**Sample volume:**	50 µl diluted serum
Conjugate:	anti-human-IgG (sheep)-FITC		
Package size:	96 (12 x 8) determinations		

85548 ATA IFA

Indirect immunofluorescence assay (IFA) for the determination of IgG antibodies against thyroid antigenes (ATA) in human serum

Assay principle:	Indirect immunofluorescence (IIF)	**Format:**	slides with monkey tissue sections (thyroid gland)
Incubation time:	30-30 min	**Sample volume:**	50 µl diluted serum
Conjugate:	anti-human-IgG (sheep)-FITC		
Package size:	48 (12 x 4) determinations		

85596 ATA IFA

Indirect immunofluorescence assay (IFA) for the determination of IgG antibodies against thyroid antigenes (ATA) in human serum

Assay principle:	Indirect immunofluorescence (IIF)	**Format:**	slides with monkey tissue sections (thyroid gland)
Incubation time:	30-30 min	**Sample volume:**	50 µl diluted serum
Conjugate:	anti-human-IgG (sheep)-FITC		
Package size:	96 (12 x 8) determinations		

85648 AAA IFA

Indirect immunofluorescence assay (IFA) for the determination of IgG antibodies against adrenal cortex (AAA) in human serum

Assay principle:	Indirect immunofluorescence (IIF)	**Format:**	slides with monkey tissue sections (adrenal cortex)
Incubation time:	30-30 min	**Sample volume:**	50 µl diluted serum
Conjugate:	anti-human-IgG (sheep)-FITC		
Package size:	48 (12 x 4) determinations		

85696 AAA IFA

Indirect immunofluorescence assay (IFA) for the determination of IgG antibodies against adrenal cortex (AAA) in human serum

Assay principle:	Indirect immunofluorescence (IIF)	**Format:**	slides with monkey tissue sections (adrenal cortex)
Incubation time:	30-30 min	**Sample volume:**	50 µl diluted serum
Conjugate:	anti-human-IgG (sheep)-FITC		
Package size:	96 (12 x 8) determinations		

86048 EmA IFA

Indirect immunofluorescence assay (IFA) for the determination of IgA antibodies against endomysium (EmA) in human serum

Assay principle:	Indirect immunofluorescence (IIF)	**Format:**	slides with monkey tissue sections (esophagus)
Incubation time:	30-30 min	**Sample volume:**	50 µl diluted serum
Conjugate:	anti-human-IgA (sheep)-FITC		
Package size:	48 (12 x 4) determinations		

86096 EmA IFA

Indirect immunofluorescence assay (IFA) for the determination of IgA antibodies against endomysium (EmA) in human serum

Assay principle:	Indirect immunofluorescence (IIF)	**Format:**	slides with monkey tissue sections (esophagus)
Incubation time:	30-30 min	**Sample volume:**	50 µl diluted serum
Conjugate:	anti-human-IgA (sheep)-FITC		
Package size:	96 (12 x 8) determinations		

86148 ASA IFA

Indirect immunofluorescence assay (IFA) for the determination of IgG antibodies against skin antigens (ASA) in human serum

Assay principle:	Indirect immunofluorescence (IIF)	**Format:**	slides with monkey tissue sections (esophagus)
Incubation time:	30-30 min	**Sample volume:**	50 µl diluted serum
Conjugate:	anti-human-IgG (sheep)-FITC		
Package size:	48 (12 x 4) determinations		

86196 ASA IFA

Indirect immunofluorescence assay (IFA) for the determination of IgG antibodies against skin antigens (ASA) in human serum

Assay principle:	Indirect immunofluorescence (IIF)	**Format:**	slides with monkey tissue sections (esophagus)
Incubation time:	30-30 min	**Sample volume:**	50 µl diluted serum
Conjugate:	anti-human-IgG (sheep)-FITC		
Package size:	96 (12 x 8) determinations		

86248 CMA IFA

Indirect immunofluorescence assay (IFA) for the determination of IgG antibodies against heart muscle antigens (CMA) in human serum

Assay principle:	Indirect immunofluorescence (IIF)	**Format:**	slides with monkey tissue sections (heart muscle)
Incubation time:	30-30 min	**Sample volume:**	50 µl diluted serum
Conjugate:	anti-human-IgG (sheep)-FITC		
Package size:	48 (12 x 4) determinations		

86296 CMA IFA

Indirect immunofluorescence assay (IFA) for the determination of IgG antibodies against heart muscle antigens (CMA) in human serum

Assay principle:	Indirect immunofluorescence (IIF)	**Format:**	slides with monkey tissue sections (heart muscle)
Incubation time:	30-30 min	**Sample volume:**	50 µl diluted serum
Conjugate:	anti-human-IgG (sheep)-FITC		
Package size:	96 (12 x 8) determinations		

86348 SkMA IFA

Indirect immunofluorescence assay (IFA) for the determination of IgG antibodies against skeletal muscle antigens (SkMA) in human serum

Assay principle:	Indirect immunofluorescence (IIF)	**Format:**	slides with monkey tissue sections (skeletal muscle)
Incubation time:	30-30 min	**Sample volume:**	50 µl diluted serum
Conjugate:	anti-human-IgG (sheep)-FITC		
Package size:	48 (12 x 4) determinations		

86396 SkMA IFA

Indirect immunofluorescence assay (IFA) for the determination of IgG antibodies against skeletal muscle antigens (SkMA) in human serum

Assay principle:	Indirect immunofluorescence (IIF)	**Format:**	slides with monkey tissue sections (skeletal muscle)
Incubation time:	30-30 min	**Sample volume:**	50 µl diluted serum
Conjugate:	anti-human-IgG (sheep)-FITC		
Package size:	96 (12 x 8) determinations		

86448 Anti-GBM IFA

Indirect immunofluorescence assay (IFA) for the determination of IgG antibodies against the glomerular basal membran (GBM) in human serum

Assay principle:	Indirect immunofluorescence (IIF)	**Format:**	slides with monkey tissue sections (kidney)
Incubation time:	30-30 min	**Sample volume:**	50 µl diluted serum
Conjugate:	anti-human-IgG (sheep)-FITC		
Package size:	48 (12 x 4) determinations		

86496 Anti-GBM IFA

Indirect immunofluorescence assay (IFA) for the determination of IgG antibodies against the glomerular basal membran (GBM) in human serum

Assay principle:	Indirect immunofluorescence (IIF)	**Format:**	slides with monkey tissue sections (kidney)
Incubation time:	30-30 min	**Sample volumn:**	50 µl diluted serum
Conjugate:	anti-human-IgG (sheep)-FITC		
Package size:	96 (12 x 8) determinations		

COAGULATION

3021 D-Dimer Latex

D-Dimer Latex is used for the rapid qualitative or semi-quantitative detection of circulating derivatives of cross-linked fibrin degradation products (XL-FDP) in human plasma

Assay principle:	Semi-qualitative and qualitative latex agglutination test	**Format:**	suspension of polystyrene particles coupled with a highly specific D-Dimer monoclonal antibody. XL-FDP
Incubation time:	3 min	**Sample volume:**	20 µl undiluted plasma
Standard range:	200 – 3200 mg/l	**Cut-off:**	0.20 mg/l
Standards/Controls:	1 / 1		
Package size:	50 determinations		