

Product Guide

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Simply innovative diagnostics



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Simply innovative diagnostics

Dear customer and partner,

MEDIPAN (Germany) is a leading company in the development, manufacturing and marketing of IVD kits and instruments.

Together with its sister company, GA Generic Assays, MEDIPAN has got an extensive experience in immunochemistry and biomedicine, especially in tissue and cell-based IFA, ELISA, Dot/LINE assays for the diagnosis of rheumatic and other autoimmune diseases with neurologic, vascular, hepatic, renal or gastrointestinal origin.

MEDIPAN is a continuously growing company in the diagnostic market looking for innovative research and distribution partners worldwide to strengthen our existing network of partners and customers.

With kind regards

CEO MEDIPAN GmbH

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ELISA

Thyroid diseases

Autoantibodies

TSH Receptor autoantibodies

3505 Medizym® T.R.A. human	
<i>Enzyme immunoassay for the quantitative determination of autoantibodies to TSH receptor in human serum</i>	
Assay principle	Enzyme immunoassay (competitive)
Total incubation time:	180 min
Conjugate:	Anti-TSHR (mouse) - Biotin; Streptavidin-POD
Standard range:	0.1 - 40 IU/l (WHO 08/204)
Available format:	96 determinations
Format:	microtiter plate coated with TSH receptor (human)
Sample volume:	100 µl serum
Substrate:	TMB
Cut-off:	1.5 IU/l
Functional assay sensitivity:	1.0 IU/l

Tg Autoantibodies

3102 Medizym® anti-Tg	
<i>Enzyme immunoassay for the quantitative determination of autoantibodies to Thyroglobulin (Tg Ab) in human serum</i>	
Assay principle	Enzyme immunoassay (Sandwich)
Total incubation time:	105 min
Conjugate:	anti-human-IgG-POD
Standard range:	50 - 3.000 IU/ml (NIBSC 65/93)
Available format:	96 determinations
Format:	microtiter plate coated with highly purified human Tg
Sample volume:	100 µl diluted serum 1 + 100 (v + v)
Substrate:	TMB
Cut-off:	100 IU/ml
Functional assay sensitivity:	9 IU/ml

TPO Autoantibodies

3002 Medizym® anti-TPO	
<i>Enzyme immunoassay for the quantitative determination of autoantibodies to Thyroid Peroxidase (TPO Ab) in human serum</i>	
Assay principle	Enzyme immunoassay (Sandwich)
Total incubation time:	105 min
Conjugate:	anti-human-IgG-POD
Standard range:	50 - 3.000 IU/ml (NIBSC 66/387)
Available format:	96 determinations
Format:	microtiter plate coated with recombinant human TPO
Sample volume:	100 µl diluted serum, 1 + 100 (v + v)
Substrate:	TMB
Cut-off:	50 IU/ml
Functional assay sensitivity:	9 IU/ml

Thyroid diseases

Tumor marker

Thyroglobulin

3807 Medizym® Tg	
<i>Enzyme immunoassay for the quantitative determination of Thyroglobulin (Tg) in human serum</i>	
Assay principle	Enzyme immunoassay (Sandwich)
Total incubation time:	75 min
Conjugate:	anti-hTg-POD
Standard range:	0 - 200 ng/ml (CRM 457)
Available format:	96 determinations
Format:	microtiter plate coated with antibodies to thyroglobulin (mouse, monoclonal)
Sample volume:	50 µl serum
Substrate:	TMB
Functional assay sensitivity:	1.9 ng/ml

4018	Medizym® Tg Rem		
<i>Enzyme immunoassay for the quantitative determination of Thyroglobulin (Tg) in human serum</i>			
Assay principle	Enzyme immunoassay (Sandwich)	Format:	microtiter plate coated with antibodies to thyroglobulin (mouse, monoclonal)
Total incubation time:	overnight + 165 min	Sample volume:	25 µl serum
Conjugate:	anti-hTg-POD	Substrate:	TMB
Standard range:	0 - 3 ng/ml (CRM 457)	Functional assay sensitivity:	0.03 ng/ml
Available format:	96 determinations		

Thyroid diseases

Hormones

TSH

3808	Medizym® TSH hs		
<i>Enzyme immunoassay for the high sensitive determination of Thyrotropin (TSH) in human serum (3. generation)</i>			
Assay principle	Enzyme immunoassay (Sandwich, 1-step)	Format:	microtiter plate coated with anti-TSH antibodies
Total incubation time:	75 min	Sample volume:	50 µl serum
Conjugate:	anti-human-TSH-POD	Substrate:	TMB
Standard range:	0 - 15 mIU/l (IRP 80/558)	Reference range:	0.3 - 3.5 mIU/l
Available format:	96 determinations		

Free Triiodothyronine

3710	Medizym® FT3		
<i>Enzyme immunoassay for the determination of free Triiodothyronine (FT3) in human serum</i>			
Assay principle	Enzyme immunoassay (competitive)	Format:	microtiter plate coated with anti-T3 antibodies
Total incubation time:	70 min	Sample volume:	20 µl serum
Conjugate:	T3-POD	Substrate:	TMB
Standard range:	0 - 60 pmol/l	Reference range:	2.5 - 7.5 pmol/l
Available format:	96 determinations		

Free Thyroxine

3711	Medizym® FT4		
<i>Enzyme immunoassay for the determination of free Thyroxine (FT4) in human serum</i>			
Assay principle	Enzyme immunoassay (competitive, 1-step)	Format:	microtiter plate coated with anti-T4 antibodies
Total incubation time:	80 min	Sample volume:	20 µl serum
Conjugate:	T4-POD	Substrate:	TMB
Standard range:	0.1 - 100 pmol/l	Reference range:	10.0 - 23.2 pmol/l
Available format:	96 determinations		

Type 1 Diabetes

GAD₆₅ autoantibodies

3802 Medizym® anti-GAD	
<i>Enzyme immunoassay for the quantitative determination of autoantibodies to Glutamic Acid Decarboxylase (GAD₆₅ Ab) in human serum</i>	
Assay principle	Enzyme immunoassay (Bridge) Format: microtiter plate coated with GAD ₆₅ (human recombinant)
Total incubation time:	160 min Sample volume: 25 µl serum
Conjugate:	GAD ₆₅ -Biotin, Streptavidin-POD Substrate: TMB
Standard range:	1 - 250 IU/ml Cut-off: 5 IU/ml
	(WHO NIBSC 97/550) Functional assay sensitivity: 4 IU/ml
Available format:	96 determinations

Protein Tyrosine Phosphatase IA2 autoantibodies

3803 Medizym® anti-IA2	
<i>Enzyme immunoassay for the quantitative determination of autoantibodies to Protein Tyrosine Phosphatase IA₂ (IA₂ Ab) in human serum</i>	
Assay principle	Enzyme immunoassay (Bridge) Format: microtiter plate coated with IA ₂ (human recombinant)
Total incubation time:	overnight + 100 min Sample volume: 50 µl serum
Conjugate:	IA ₂ -Biotin, Streptavidin-POD Substrate: TMB
Standard range:	1 - 400 IU/ml Cut-off: 10 IU/ml
	(WHO NIBSC 97/550) Functional assay sensitivity: 0.8 IU/ml
Available format:	96 determinations

Zinc Transporter antibodies

3791 Medizym® anti-ZnT8	
<i>Enzyme immunoassay for the determination of autoantibodies to Zinc Transporter 8 (ZnT8 Abs) in human serum</i>	
Assay principle	Enzyme immunoassay (Bridge) Format: microtiter plate coated with ZnT8
Total incubation time:	overnight + 100 min Sample volume: 25 µl serum or plasma
Conjugate:	ZnT8-Biotin, Streptavidin-POD Substrate: TMB
Standard range:	1 - 500 U/ml Cut-off: 15 U/ml
Available format:	96 determinations

Islet Cell antibodies

3804 Medizym® ICAscreen	
<i>Enzyme immunoassay for the semi-quantitative determination of autoantibodies to islet cell antigens in human serum</i>	
Assay principle	Enzyme immunoassay (Bridge) Format: microtiter plate coated with islet cell (IC) antigens
Total incubation time:	overnight + 100 min Sample volume: 50 µl serum
Conjugate:	IC antigen-biotin, streptavidin-POD Substrate: TMB
	Cut-off: Binding index BI = 1.0
	Functional assay sensitivity: BI < 0.5
Available format:	96 determinations

Insulin autoantibodies

3806 Medizym® IAA			
<i>Enzyme immunoassay for the quantitative determination of auto- (IAA) and antibodies (IA) to Insulin in human serum</i>			
Assay principle	Enzyme immunoassay (Sandwich)	Format:	microtiter plate coated with human recombinant insulin
Total incubation time:	105 min	Sample volume:	100 µl diluted serum (1+100 v+v)
Conjugate:	anti-human IgG-POD	Substrate:	TMB
Standard range:	0.1 - 20 U/ml	Cut-off:	2.4 U/ml
		Functional assay sensitivity:	0.3 U/ml
Available format:	96 determinations		

Polyendocrinopathies

21-Hydroxylase antibodies

3789 Medizym® anti-21-OH			
<i>Enzyme immunoassay for the quantitative determination of autoantibodies to 21-Hydroxylase (21-OH Ab) in human serum</i>			
Assay principle	Enzyme immunoassay (Bridge)	Format:	microtiter plate coated with 21-OH (human recombinant)
Total incubation time:	overnight + 100 min	Sample volume:	50 µl serum
Conjugate:	21-OH-Biotin, Streptavidin-POD	Substrate:	TMB
Standard range:	0.01 - 100 U/ml	Cut-off:	0.4 U/ml
		Analytical assay sensitivity:	0.13 U/ml
Available format:	96 determinations		

Rheumatoid Arthritis

Cyclic Citrullinated Peptides (CCP) antibodies

3860 Medizym® anti-CCP Ref			
<i>Enzyme immunoassay for the quantitative determination of autoantibodies to cyclic citrullinated peptides (CCP) in human serum or plasma</i>			
Assay principle	Enzyme immunoassay (Sandwich)	Format:	microtiter plate coated with CCP antigens
Total incubation time:	105 min	Sample volume:	100 µl diluted serum (1+100 v+v)
Conjugate:	anti-human IgG-POD	Substrate:	TMB
Standard range:	1 - 2000 U/ml	Cut-off:	30 U/ml
		Functional assay sensitivity:	2 U/ml
Available format:	96 determinations		

Neuropathies

Acetylcholine receptor (AChR) antibodies

3104 Medizym® anti-AChR			
<i>Enzyme immunoassay for the quantitative determination of autoantibodies to acetylcholine receptor in human serum</i>			
Assay principle	Enzyme immunoassay (competitive)	Format:	microtiter plate coated with monoclonal AChR, antibodies, pre-absorption with AChR preparation
Total incubation time:	overnight + 180 min	Sample volume:	100 µl serum
Conjugate:	anti-AChR-Biotin, Streptavidin-POD	Substrate:	TMB
Standard range:	0.2 - 20 nmol/l	Cut-off:	0.45 nmol/l
		Analytical assay sensitivity:	0.23 nmol/l
Available format:	96 determinations		

RIA

Thyroid diseases

Autoantibodies

TSH Receptor autoantibodies

2040		SELco® TRAb human	
<i>Radioreceptor assay for the determination of TSH receptor autoantibodies (TRAb) in human serum</i>			
Assay principle	Radio receptor assay (competitive)	Reaction type:	solid phase (human TSH receptor coated tubes)
Total incubation time:	180 min	Sample volume:	100 µl serum
Tracer:	¹²⁵ I-anti-TSHR (mouse)	Cut-off:	1.5 IU/l
Standard range:	1 - 50 IU/l (WHO 08/204)	Functional assay sensitivity:	1.0 IU/l
Available format:	100 determinations		

2042		SELco® TRAb human 1 step	
<i>Radioreceptor assay for the determination of TSH receptor autoantibodies (TRAb) in human serum</i>			
Assay principle	Radio receptor assay (competitive)	Reaction type:	solid phase (human TSH receptor coated tubes)
Total incubation time:	120 min	Sample volume:	100 µl serum
Tracer:	¹²⁵ I-anti-TSHR (mouse)	Cut-off:	1.5 IU/l
Standard range:	1 - 50 IU/l (WHO 08/204)	Functional assay sensitivity:	0.9 IU/l
Available format:	100 determinations		

TPO autoantibodies

2080		SELco® anti-TPO human	
<i>Radioimmunoassay for the determination of autoantibodies to Thyroid Peroxidase (TPO Ab) in human serum</i>			
Assay principle	RIA (competitive, 1-step)	Reaction type:	solid phase (coated tubes with polyclonal anti-TPO)
Total incubation time:	120 min	Sample volume:	10 µl serum
Tracer:	¹²⁵ I-TPO (human rec.)	Cut-off:	50 IU/ml
Standard range:	0 - 1900 IU/ml (NIBSC 66/387)	Functional assay sensitivity:	12 IU/ml
Available format:	100 determinations		

Tg autoantibodies

2085		SELco® anti-Tg human	
<i>Radioimmunoassay for the determination of autoantibodies to Thyroglobulin (Tg Ab) in human serum</i>			
Assay principle	RIA (competitive, 1-step)	Reaction type:	solid phase (coated tubes with polyclonal anti-hTg)
Total incubation time:	120 min	Sample volume:	100 µl native serum
Tracer:	¹²⁵ I-Tg (human)	Cut-off:	100 IU/ml
Standard range:	0 - 3000 IU/ml (NIBS 65/93)	Functional assay sensitivity:	12 IU/ml
Available format:	100 determinations		

TSH

1450		SELco [®] TSH rapid	
<i>Immunoradiometric assay for the determination of Thyrotropin (TSH) in human serum</i>			
Assay principle	IRMA, 1-step	Reaction type:	solid phase (coated tubes with anti-hTSH, mouse monoclonal)
Total incubation time:	30 min	Sample volume:	100 µl serum
Tracer:	¹²⁵ I-anti hTSH (mouse monoclonal)	Reference range:	0.3 - 3.5 mIU/l
Standard range:	0.06 - 100 mIU/l (IRP 80/558)	Functional assay sensitivity:	0.07 mIU/l
Available format:	100 determinations		

Free Thyroxine

1881		SELco [®] FT4	
<i>Radioimmunoassay for the determination of free Thyroxine (FT4) in human serum</i>			
Assay principle	RIA, 1-step	Reaction type:	solid phase (coated tubes with T4)
Total incubation time:	60 min	Sample volume:	50 µl serum
Tracer:	¹²⁵ I-anti-T4 (monoclonal)	Reference range:	10.2 - 22.5 pmol/l
Standard range:	0 - 80 pmol/l	Analytical assay sensitivity:	0.6 pmol/l
Available format:	100 determinations		

Free Triiodothyronine

1652		SELco [®] FT3	
<i>Radioimmunoassay for the determination of free Triiodothyronine (FT3) in human serum</i>			
Assay principle	RIA, 1-step	Reaction type:	solid phase (coated tubes with T3)
Total incubation time:	60 min	Sample volume:	100 µl
Tracer:	¹²⁵ I-anti-T3 (monoclonal)	Reference range:	3.8 - 8.5 pmol/l
Standard range:	0 - 40 pmol/l	Analytical assay sensitivity:	0.3 pmol/l
Available format:	100 determinations		

Thyroglobulin

1301		SELco [®] Tg 1 step	
<i>Immunoradiometric assay for the determination of Thyroglobulin (Tg) in human serum</i>			
Assay principle	IRMA (1 step)	Reaction type:	solid phase (coated tubes with anti-hTg, mouse monocl.)
Total incubation time:	overnight	Sample volume:	100 µl serum
Tracer:	¹²⁵ I-anti-hTg (mouse monocl.)	Functional assay sensitivity:	0.3 - 0.7 ng/ml
Standard range:	0.3 - 250 ng/ml		
Available format:	100 determinations		

Calcitonin

1630		SELco® Calcitonin	
<i>Immunoradiometric assay for the quantitative determination of Calcitonin (hCT) in human serum or plasma</i>			
Assay principle	IRMA (1 step)	Reaction type:	solid phase (coated tubes with anti-hCT (mouse monocl.))
Total incubation time:	18 - 24 h (5 h)	Sample volume:	100 µl serum
Tracer:	¹²⁵ I-anti-hCT (mouse monocl.)	Reference range	0 - 10 (- 15) pg/ml
Standard range:	1 - 1800 pg/ml	Functional assay sensitivity:	3 pg/ml
Available format:	100 determinations		

Type 1 Diabetes

GAD₆₅ autoantibodies

2071 / 2070		CentAK® anti-GAD ₆₅ M	
<i>Radio ligand assay for the quantitative determination of autoantibodies to Glutamic Acid Decarboxylase (GAD₆₅ Ab) in human serum</i>			
Assay principle	RIA	Reaction type:	homogeneous phase, protein A precipitation and centrifugation
Total incubation time:	180 min	Sample volume:	20 µl serum
Tracer:	¹²⁵ I-GAD ₆₅ (human rec.)	Cut-off:	2.0 U/ml
Standard range:	0.1 - 120 U/ml	Functional assay sensitivity:	0.7 U/ml
Available format:	50 determinations (2071)		100 determinations (2070)

Protein Tyrosine Phosphatase IA₂ autoantibodies

2050 / 2150		CentAK® anti-IA ₂ M	
<i>Radio ligand assay for the quantitative determination of autoantibodies to Protein Tyrosine Phosphatase IA₂ (IA₂ Ab) in human serum</i>			
Assay principle	RIA	Reaction type:	homogeneous phase, protein A precipitation and centrifugation
Total incubation time:	overnight + 60 min	Sample volume:	20 µl serum
Tracer:	¹²⁵ I-IA ₂ (human rec.)	Cut-off:	2.0 U/ml
Standard range:	0.01 - 60 U/ml	Functional assay sensitivity:	0.8 U/ml
Available format:	50 determinations (2050)		100 determinations (2150)

Insulin autoantibodies (IAA)

2035		CentAK® IAA M	
<i>Radio ligand assay for the quantitative determination of autoantibodies to Insulin (IAA) in human serum</i>			
Assay principle	RIA	Reaction type:	homogeneous phase, protein A precipitation and centrifugation
Total incubation time:	overnight + 60 min	Sample volume:	20 µl
Tracer:	¹²⁵ I-Insulin (human)	Cut-off:	0.4 U/ml
Standard range:	0.04 - 50 U/ml	Functional assay sensitivity:	0.2 U/ml
Available format:	100 determinations		

IFA Devices

AKLIDES® Platform Technology



Application - Immunology

AKLIDES® 2.0

4319 AKLIDES® 2.0 - Instrument *
<ul style="list-style-type: none">• Motorized fluorescence microscope with 2 objectives (10x, 40x)• Multi-wave LED-light source with 4 wavelengths• Motorized x-y stage for 5 slides• High quality grey scale camera (2.3 MP)

*** Not available in all countries. Please contact us for more information.**

AKLIDES® 2.0 - Software modules

4078	AKLIDES® System software license
4080	AKLIDES® Database license
3962	AKLIDES® Doctor external evaluation software license
3716	AKLIDES® ANA screening software license
4076	AKLIDES® ANA evaluation software license
4079	AKLIDES® ANCA evaluation software license
4077	AKLIDES® Crithidia (nDNA) evaluation software license
4220	AKLIDES® Titer detection software license
5037	AKLIDES® CytoBead® ANA / ANA 2 software license
5036	AKLIDES® CytoBead® ANCA / RPGN software license
5038	AKLIDES® CytoBead® CeliAK software license
4081	AKLIDES® Tissue section documentation software license

AKLIDES® 2.0 - Calibration slides

80551	AKLIDES® Intensity calibration
4166	AKLIDES® x-y-z calibration
3897	AKLIDES® / Trim

Scanner

81238	Barcode reader
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Installation

4082	AKLIDES® Installation and training
4100	AKLIDES® Laboratory connection service (LIMS)

Service contract

4083	AKLIDES® Hardware service contract (1 year)
4062	AKLIDES® Software service contract (1 year)

IFA Devices

akiron® Platform Technology

Application - Immunology



akiron®

4296	akiron® - Instrument
	<ul style="list-style-type: none">• Motorized fluorescence microscope with 20x objective• LED-Light source with 3 wavelengths (400 nm DAPI, 470 nm FITC, 635 nm APC)• Motorized x-y-stage for 5 slides• High quality grey scale camera (2.3 MP)

akiron® Software modules

4308	akiron® System software license
4309	akiron® System software license
4317	akiron® Doctor external evaluation software license
4310	akiron® ANA screening and evaluation software license
4311	akiron® ANCA evaluation software license
4312	akiron® akiron® ANCA evaluation software license
4313	akiron® CytoBead® ANA / ANA 2 evaluation software license
4314	akiron® CytoBead® CeliAK evaluation software license
4316	akiron® Titer detection software license
4326	akiron® Tissue section documentation software license

akiron® Calibration slides

80551	akiron® Intensity calibration
4166	akiron® x-y-z calibration
3897	akiron® Trim

Scanner

81238	Barcode reader
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Installation

4082	akiron® Installation and training
4100	akiron® Laboratory connection service (LIMS)

Service contract

4083	akiron® Hardware service contract (1 year)
4062	akiron® Software service contract (1 year)

Pipettor

4459 AKENOMI® NEO - Instrument
<ul style="list-style-type: none">• Capacity for up to 12 IFA slides• Method capacity up to 4 methods in parallel• Sample capacity 64• 1D and 2D Barcode reader

IFA Application Immunology Tests - Cell based

Suitable for AKLIDES® / akiron®

4065 / 4063	AKLIDES® ANA plus (10x12 / 40x12)		
<i>Indirect immunofluorescence test for the determination of IgG antibodies against nuclear (ANA) and cytoplasmic antigens in human serum</i>			
Assay principle	Indirect immunofluorescence assay	Format:	Slides with HEp-2 cells
Incubation time:	60 minutes	Sample volume:	25 µl diluted serum
Conjugate:	anti-human-IgG-FITC		
Available format:	4065: 120 (10x12) determinations / 4063: 480 (40x12) determinations		

4282 / 4283	AKLIDES® nDNA (10x6)	<i>only for AKLIDES®</i>	
<i>Indirect immunofluorescence test for the sensitive determination of IgG antibodies against native DNA in human serum</i>			
Assay principle	Indirect immunofluorescence assay	Format:	Slides with <i>Crithidia luciliae</i> cells
Incubation time:	60 minutes	Sample volume:	25 µl diluted serum
Conjugate:	anti-human-IgG-FITC		
Available format:	4282: 60 (10x6) determinations / 4283: 120 (10x12) determinations		

4060	AKLIDES® cANCA (10x6)		
<i>Indirect immunofluorescence test for the determination of IgG antibodies against neutrophil cytoplasmic antigens (ANCA) in human serum</i>			
Assay principle	Indirect immunofluorescence assay	Format:	Slides with human granulocytes (ethanol fixed)
Incubation time:	60 minutes	Sample volume:	25 µl diluted serum
Conjugate:	anti-human-IgG-FITC		
Available format:	60 (10x6) determinations		

4072	AKLIDES® pANCA (10x6)		
<i>Indirect immunofluorescence test for the determination of IgG antibodies against neutrophil cytoplasmic antigens (ANCA) in human serum</i>			
Assay principle	Indirect immunofluorescence assay	Format:	Slides with human granulocytes (formalin fixed)
Incubation time:	60 minutes	Sample volume:	25 µl diluted serum
Conjugate:	anti-human-IgG-FITC		
Available format:	60 (10x6) determinations		

Application Immunology Tests - Tissue based

Suitable for AKLIDES® / akiron®

4117	AKLIDES® AMA (12x4)		
<i>Indirect immunofluorescence test for the determination of anti-mitochondrial antibodies (AMA) in human serum</i>			
Assay principle	Indirect immunofluorescence assay	Format:	Slides with rat kidney sections
Incubation time:	60 minutes	Sample volume:	50 µl diluted serum
Conjugate:	anti-human-IgG-FITC		
Available format:	48 (12x4) determinations		

4119	AKLIDES® ASMA (12x4)		
<i>Indirect immunofluorescence test for the determination of antibodies against smooth muscles (ASMA) in human serum</i>			
Assay principle	Indirect immunofluorescence assay	Format:	Slides with rat stomach sections
Incubation time:	60 minutes	Sample volume:	50 µl diluted serum
Conjugate:	anti-human-IgG-FITC		
Available format:	48 (12x4) determinations		

4121 / 4122	AKLIDES® Triple (12x4 / 12x8)		
<i>Indirect immunofluorescence test for the determination of antibodies (ANA/AMA/ASMA/PCA) in human serum</i>			
Assay principle	Indirect immunofluorescence assay	Format:	Slides with sections of rat liver / stomach / kidney
Incubation time:	60 minutes	Sample volume:	50 µl diluted serum
Conjugate:	anti-human-IgG-FITC		
Available format:	4121: 48 (12x4) determinations / 4122: 96 (12x8) determinations		

4123	AKLIDES® Anti-GBM (12x4)		
<i>Indirect immunofluorescence test for the determination of antibodies against the glomerular basement membrane (GBM) in human serum</i>			
Assay principle	Indirect immunofluorescence assay	Format:	Slides with monkey kidney sections
Incubation time:	60 minutes	Sample volume:	50 µl diluted serum
Conjugate:	anti-human-IgG-FITC		
Available format:	48 (12x4) determinations		

4125	AKLIDES® ASA (12x4)		
<i>Indirect immunofluorescence test for the determination of antibodies against skin antigens (ASA) in human serum</i>			
Assay principle	Indirect immunofluorescence assay	Format:	Slides with monkey esophagus sections
Incubation time:	60 minutes	Sample volume:	50 µl diluted serum
Conjugate:	anti-human-IgG-FITC		
Available format:	48 (12x4) determinations		

4129	AKLIDES® ICA (12x4)		
<i>Indirect immunofluorescence test for the determination of antibodies against islet cell antigens (ICA) in human serum</i>			
Assay principle	Indirect immunofluorescence assay	Format:	Slides with monkey pancreas sections
Incubation time:	60 minutes	Sample volume:	50 µl diluted serum
Conjugate:	anti-human-IgG-FITC		
Available format:	48 (12x4) determinations		

Application Immunology Tests - Tissue based

Suitable for AKLIDES® / akiron®

4131 / 4132		AKLIDES® EmA (12x4 / 12x8)	
<i>Indirect immunofluorescence test for the determination of IgA antibodies against the endomysium (EmA) in human serum</i>			
Assay principle	Indirect immunofluorescence assay	Format:	Slides with monkey pancreas sections
Incubation time:	60 minutes		
Conjugate:	anti-human-IgA-FITC	Sample volume:	50 µl diluted serum
Available format:	4131: 48 (12x4) determinations / 4132: 96 (12x8) determinations		

4133		AKLIDES® CMA (12x4)	
<i>Indirect immunofluorescence test for the determination of antibodies against cardiac muscle antigens (CMA) in human serum</i>			
Assay principle	Indirect immunofluorescence assay	Format:	Slides with monkey heart sections
Incubation time:	60 minutes		
Conjugate:	anti-human-IgG-FITC	Sample volume:	50 µl diluted serum
Available format:	48 (12x4) determinations		

4135		AKLIDES® SkMA (12x4)	
<i>Indirect immunofluorescence test for the determination of antibodies against skeletal muscle antigens (SkMA) in human serum</i>			
Assay principle	Indirect immunofluorescence assay	Format:	Slides with monkey skeletal muscle sections
Incubation time:	60 minutes		
Conjugate:	anti-human-IgG-FITC	Sample volume:	50 µl diluted serum
Available format:	48 (12x4) determinations		

4156		AKLIDES® AAA (12x4)	
<i>Indirect immunofluorescence test for the determination of antibodies against adrenal cortex antigens (AAA) in human serum</i>			
Assay principle	Indirect immunofluorescence assay	Format:	Slides with monkey adrenal cortex sections
Incubation time:	60 minutes		
Conjugate:	anti-human-IgG-FITC	Sample volume:	50 µl diluted serum
Available format:	48 (12x4) determinations		

Application Immunology Tests - CytoBead®

Suitable for AKLIDES® / akiron®

4270	AKLIDES® CytoBead® ANCA (6x8)		
<i>Indirect immunofluorescence assay for the determination of IgG antibodies against neutrophil cytoplasmic antigens (ANCA) in human serum</i>			
Assay principle:	Indirect immunofluorescence assay	Format:	Slides with human granulocytes (ethanol fixed) and beads coated with PR3, MPO and GBM
Incubation time:	60 minutes		
Conjugate:	anti-human-IgG-FITC	Sample volume:	50 µl diluted serum
Available format:	48 (12x4) determinations		

4281	AKLIDES® CytoBead® RPGN (6x8)		
<i>Indirect immunofluorescence assay for the determination of IgG autoantibodies against antigens in cytoplasmic neutrophil granulocytes (ANCA), antibodies against antigenic structures of the glomerular basement membrane (GBM) and double stranded deoxyribonucleic acid (dsDNA) in human serum</i>			
Assay principle:	Indirect immunofluorescence assay	Format:	Slides with human granulocytes (ethanol fixed) and beads coated with PR3, MPO, GBM and dsDNA
Incubation time:	60 minutes		
Conjugate:	anti-human-IgG-FITC	Sample volume:	50 µl diluted serum
Available format:	48 (12x4) determinations		

4272	AKLIDES® CytoBead® ANA (10x8)		
<i>Indirect immunofluorescence assay for the determination of antibodies against nuclear and cytoplasmic antigens (ANA) in human serum</i>			
Assay principle:	Indirect immunofluorescence assay	Format:	Slides with HEp-2 cells and beads coated with La, CENP-B, Ro60, Ro52, Sm, RNP/Sm, dsDNA, Scl-70
Incubation time:	60 minutes		
Conjugate:	anti-human-IgG-FITC	Sample volume:	80 µl diluted serum
Available format:	80 (10x8) determinations		

4277	AKLIDES® CytoBead® ANA 2 (10x8)		
<i>Indirect immunofluorescence assay for the determination of antibodies against nuclear and cytoplasmic antigens (ANA) in human serum</i>			
Assay principle:	Indirect immunofluorescence assay	Format:	Slides with HEp-2 cells and beads coated with La, Jo-1, Ro60, Ro52, Sm, RNP/Sm, dsDNA, Scl-70
Incubation time:	60 minutes		
Conjugate:	anti-human-IgG-FITC	Sample volume:	80 µl diluted serum
Available format:	80 (10x8) determinations		

4271	AKLIDES® CytoBead® CeliAK (6x8)		
<i>Indirect immunofluorescence assay for the determination of IgA or IgG antibodies against endomysium, transglutaminase 2 and deamidated gliadin as well as a positive control for IgA antibodies in human serum</i>			
Assay principle:	Indirect immunofluorescence assay	Format:	Slides with monkey esophagus sections and beads coated with TG2, DG and anti-IgA
Incubation time:	60 minutes		
Conjugate:	anti-human-IgA-FITC anti-human-IgG-FITC	Sample volume:	50 µl diluted serum
Available format:	48 (6x8) determinations		

IFA Devices

AKLIDES® Platform Technology

Application - Cell Damage



AKLIDES® 2.0

4319	AKLIDES® 2.0 Instrument (see page 14)
4327	AKLIDES® Cell Damage Hardware upgrade
	<ul style="list-style-type: none">• Motorized fluorescence microscope with 2 objectives (40x, 63x)• Multi-wave LED-light source with 4 wavelengths• Motorized x-y stage for 5 slides• High quality grey scale camera (2.3 MP)

AKLIDES® 2.0 - Software modules

4078	AKLIDES® System software license
4080	AKLIDES® Database license
4171	AKLIDES® Cell Damage System software license
3715	AKLIDES® Cell Damage Evaluation software license

AKLIDES® 2.0 - Calibration slides

80551	AKLIDES® Intensity calibration
4166	AKLIDES® x-y-z calibration
3897	AKLIDES® Trim

Installation

4082	AKLIDES® Installation and training
4100	AKLIDES® Laboratory connection service (LIMS)

Service contract

4083	AKLIDES® Hardware service contract (1 year)
4062	AKLIDES® Software service contract (1 year)

AKLIDES® Cell Damage Tests

- For research use only -

- Not for use in diagnostic procedures -

4162	AKLIDES® Nuk Human Lymphocyte Complete HLC	Indirect immunofluorescence assay for the quantitative staining and determination of γ -H2AX in lymphocytes derived from whole blood	60 (10x6)
4268	AKLIDES® Nuk Human Lymphocyte Complete Combi HLCC	Indirect immunofluorescence assay for the quantitative staining and determination of γ -H2AX and 53BP1 in lymphocytes derived from whole blood	60 (10x6)
4278	AKLIDES® Nuk Human Lymphocyte Isolation HLI	Lymphocyte isolation from whole blood	60 (10x6)
4362	AKLIDES® Nuk Capillary Blood Human Lymphocyte CBHL	Indirect immunofluorescence assay for the quantitative staining and determination of γ -H2AX and 53BP1 in lymphocytes from capillary blood	30 (5x6)

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Your notice



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