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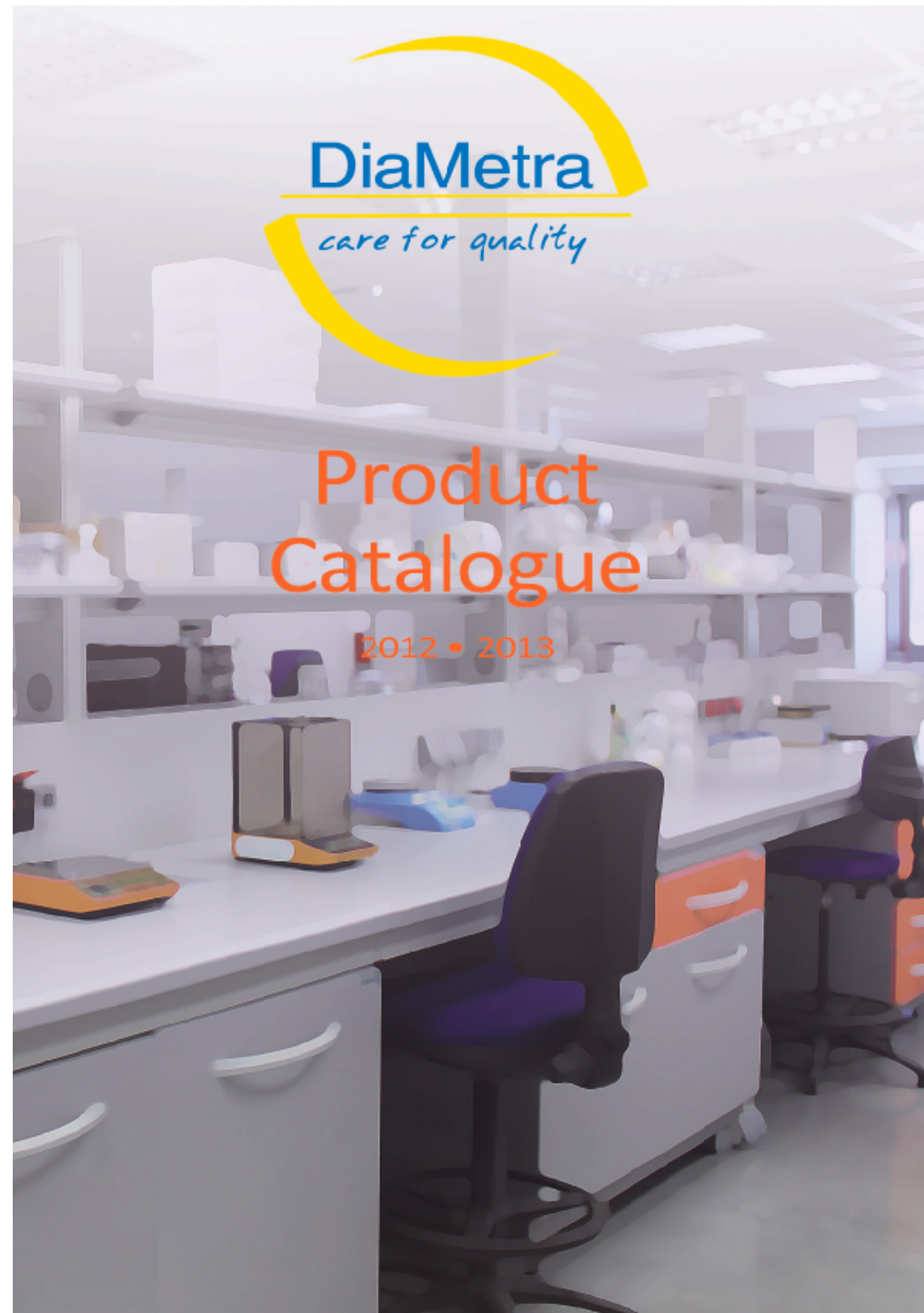
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DiaMetra

care for quality

Product Catalogue

2012 • 2013



Certifications

The company is certified ISO 13485 and our products are manufactured under CE 98/79 directives.



DiaMetra mission is to support the professionals work providing reliable reagents and excellent service. The proprietary technologies, the long term experience and the commitment of DiaMetra people, has led our company gaining reliability, flexibility, always keeping as mission the full satisfaction of the customer

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A breakthrough in the diagnosis of Antiphospholipids Syndrome

APS Specific Anti Cardiolipin/Vimentin IgG

*An innovative method for the detection of antibodies
against a complex between
cardiolipin and vimentin*

Patent Application n. PCT/EP 2010/002173

AUTOIMMUNE DISEASES

*Immunoenzimatic assay (ELISA) for the quantitative determination of autoantibodies.
Method on microplate (96 breakable wells), TMB.*

GASTROENTEROLOGY

Code	Item	Sensitivity	Specificity
DKO106	Anti Deamidated Gliadin Peptide (DGP) IgG	94,1 %	>99,0 %
DKO107	Anti Deamidated Gliadin Peptide (DGP) IgA	>99,00 %	97,6 %
DKO108	Anti Tissue Transglutaminase IgA (for export only)	88,5 %	>99,0 %
DKO109	Anti Tissue Transglutaminase IgG (for export only)	80,9 %	90,9 %
DKO140	Anti Transglutaminase IgA	1,0 AU/ml *	>99,0%
DKO141	Anti Transglutaminase IgG	1,0 AU/ml *	>99,0%

THROMBOSIS

Code	Item	Sensitivity	Specificity
DKO110	Anti Beta2 Glycoprotein 1 IgG	76,6 %	95,8 %
DKO111	Anti Beta2 Glycoprotein 1 IgM	82,3 %	95,8 %
DKO112	Anti Cardiolipin IgM	83,0 %	78,0 %
DKO113	Anti Cardiolipin IgG	75,0 %	70,0 %
DKO114	Anti Phospholipid Screen	IgG >99,0 % IgM 90,0 %	IgG 92,9 % IgM 90,0 %
DKO118	Anti Cardiolipin/Vimentin IgG	0,09 AU/ml *	93,8 %
DKO127	Anti Cardiolipin/Vimentin IgM	0,14 AU/ml *	95,1 %
DKO143	Anti Cardiolipin/Vimentin Screen	0,09 AU/ml* 0,14 AU/ml*	93,8% 95,1%
DKO144	Anti Cardiolipin screen	IgG 75,0% IgM 83,0%	70,0 % 78,0 %
DKO145	Anti Beta2 Glycoprotein 1 Screen	IgG 76,6 % IgM 82,3 %	95,8 % 95,8 %

* sensitivity expressed as minimum detection limit

ANCA VASCULITIS

Code	Item	Sensitivity	Specificity
DKO091	Anti PR-3 (c-ANCA)	>99,0 %	>99,0 %
DKO092	Anti MPO (p-ANCA)	>99,0 %	>99,0 %

THYROID

Code	Item	Sensitivity	Specificity
DKO085	TSH Receptor Ab	95,0 %	>99,0 %
DKO115	Anti TG	96,3 %	94,9 %
DKO116	Anti TPO	94,0 %	92,9 %

DIABETES

Code	Item	Sensitivity	Specificity
DKO082	Anti-GAD	92,3 %	98,6 %
DKO083	IAA	60,0 %	90,0 %
DKO084	IA2	75,0 %	98,0 %
DKO123	ZnT8 Ab	68,0 %	99,0 %

RHEUMATOLOGY

Code	Item	Sensitivity	Specificity
DKO094	Anti Centromero B	>99,0 %	97,8 %
DKO095	Anti dsDNA IgG	93,3 %	95,2 %
DKO096	Anti SS-A	94,3 %	94,6 %
DKO097	Anti SS-B	80,0 %	98,2 %
DKO098	ENA SCREEN	94,7 %	92,3 %
DKO099	ANA SCREEN	83,9 %	>99,0 %
DKO100	Anti Sm	>99,0 %	98,4 %
DKO101	Anti Scl-70	>99,0 %	>99,0 %
DKO102	Anti JO-1	90,0 %	98,4 %
DKO103	Anti Histone	1,19 AU/ml *	96,5 %
DKO104	Anti RNP70	>99,0 %	96,1 %
DKO105	Anti RNP/Sm	96,1 %	>99,0 %
DKO117	Anti CCP	79,0 %	97,0 %
DKO119	ENA profile	97,7 %	> 95,0%
DKO129	MMP-3	♂ 74,0 % ♀ 75,0%	♂ > 99,0 % ♀ 93,0 %
DKO130	RF IgA	77,8 %	92,9 %
DKO131	RF IgG	83,4 %	90,5 %
DKO132	RF IgM	91,4 %	93,5 %
DKO133	RF Screen	Sensitivity and specificity are the same as in the single Antigen kit	
DKO122	Anti IFI16	1,16 AU/ml *	93,9 %
DKO151	Anti C1q	Soon available	
DKO149	Anti CP IgG New generation	Soon available	

* sensitivity expressed as minimum detection limit



IMMUNOASSAY Unit

Autoimmunity Product Line

*A combination of well established and innovative kits
as result of internal development and
close cooperation with major universities
and research institutes.*



diabetes

The most useful test combination
for risk assessment of type 1 diabetes



Anti-IAA

Anti-GAD

Anti-IA2

Anti-Zn T8

DIABETES MONITORING

*Immunoenzymatic assay (ELISA) for the quantitative determination on serum or plasma.
Direct method on microplate (96 breakable wells), TMB.*

Code	Item	Sensitivity	Analytical Range
DKO076	Insulin	2,0 µIU/ml	5,0 – 300,0 µIU/ml
DKO077	C-Peptide	0,025 ng/ml	0,2 – 10,0 ng/ml
DKO124	Fetuin A	0,04 ng/ml	6,5 – 208,0 ng/ml
DKO147	HbA1c ELISA	Soon available	
DKO152	HbA1c Normal Control	Soon available	
DKO153	HbA1c Abnormal Control	Soon available	

Code	Item	Sensitivity	Specificity
DKO082	Anti-GAD	92,3 %	98,6 %
DKO083	IAA	60,0 %	90,0 %
DKO084	IA2	75,0 %	98,0 %
DKO123	ZnT8 Ab	68,0 %	99,0 %



DiaMetra

care for quality

TUMOR MARKERS

Wide range of analytes
including common and esoteric tests

TUMOR MARKERS

*Immunoenzimatic assay (ELISA) for the quantitative determination on serum or plasma.
Direct method on microplate (96 breakable wells), TMB*

Code	Item	Sensitivity	Analytical Range
DKO012	AFP	1 ng/ml	5,0 – 200,0 ng/ml
DKO051	CEA	1 ng/ml	5,0 – 250,0 ng/ml
DKO054	CA 125	1 IU/ml	5,0 – 250,0 IU/ml
DKO055	CA 15-3	5 U/ml	15,0 – 240 IU/ml
DKO056	CA 19-9	5 U/ml	15,0 – 240 IU/ml
DKO057*	PSA	0,012 ng/ml	5,5 – 100 ng/ml
DKO064*	Free PSA	0,052 ng/ml	0,5 – 10,0 ng/ml
DKO073	hNSE	0,075 ng/ml	4,4 – 100 ng/ml
DKO074	S100 B	10,0 pg/ml	10,0 – 5000,0 pg/ml
DKO137	Total PSA	0,2 ng/ml	1,56 – 25 ng/ml
DKO138	Free PSA	0,1 ng/ml	0,75 – 12,0 ng/ml

* RUO: For research use only



STEROID HORMONES

Among the most complete panel available on the market

since 1997, the Diametra steroid hormone menu represents the status of the art

- *Well proven quality*
 - *Reagents ready to use*
 - *Shelf life over 15 months*
 - *Each product is CE marked.*
- *Same procedure for the whole panel and same common reagents: easy application on the most popular microplate auto-analyzers.*

STEROIDS IN SALIVA

*Immunoenzimatic assay (ELISA) for the quantitative determination in saliva.
Competitive method on microplate (96 breakable wells), TMB*

Steroid Hormones in Saliva

Code	Item	Sensitivity	Analytical Range
DKO020	Cortisol Saliva	0,05 ng/mL	0,5 – 100 ng/mL
DKO021	Testosterone Saliva	3,5 pg/mL	5 – 1000 pg/mL
DKO022	Estradiol Saliva	2,0 pg/mL	1 – 100 pg/mL
DKO023	17OH-Progesterone Saliva	5,0 pg/mL	10 – 1600 pg/mL
DKO024	DHEA-S Saliva	0,045 ng/mL	0,2 – 12 ng/mL
DKO025	Progesterone Saliva	7,0 pg/mL	10 – 3000 pg/mL
DKO026	Estriol Saliva	1,1 pg/mL	2,5 – 1000 pg/mL
DKO027	Androstenedione Saliva	5,0 pg/mL	5 – 1000 pg/mL

Saliva Miscellaneous

Code	Item	Sensitivity	Analytical Range
DKO078	IgA Saliva	0,5 ng/ml	2,5 – 2500,0 ng/ml
DKO075*	Amylase	2,5 U/ml	2,5 – 1000,0 U/ml
DKO063	Saliva Collector Devices		100 tests
DKO120	Salivette TM (Sarsted)		100 tests
DKO067	Saliva Control		1 x 3 x 2 ml

* RUO: For research use only

STEROID HORMONES IN SERUM

*Immunoenzimatic assay (ELISA) for the quantitative determination in serum or plasma.
Competitive method on microplate (96 breakable wells), TMB*

Code	Item	Sensitivity	Analytical Range
DKO001	Cortisol	5,0 ng/mL	10 – 500 ng/mL
DKO002	Testosterone	0,075 ng/mL	0,2 – 16 ng/mL
DKO003	Estradiol	15,0 pg/mL	20 – 2000 pg/mL
DKO004	17 OH-Progesterone	0,1 ng/mL	0,2 – 19,2 ng/mL
DKO005	DHEA-S	0,045 µg/mL	0,1 – 10 µg/mL
DKO006	Progesterone	0,05 ng/mL	0,2 – 40 ng/mL
DKO007	Free Estriol	0,05 ng/mL	0,1 – 12 ng/mL
DKO008	Androstenedione	0,04 ng/mL	0,1 – 10 ng/mL
DKO015	Free Testosterone	0,10 pg/mL	0,2 – 100 pg/mL
DKO019	Total Estriol	1,0 ng/mL	2 – 200 ng/mL
DKO053	Aldosterone	15 pg/mL	20 – 2000 pg/mL
DKO124	DHEA	0,08 ng/ml	0,2 – 40 ng/ml

STEROID HORMONE IN URINE

Code	Item	Sensitivity	Analytical Range
DKO018	Urinary Cortisol	2,0 ng/mL	10 – 500 ng/mL

CONTROLS AND CALIBRATORS

Code	Item	
DKO067	Saliva Controls	1 x 3 x 2 ml
DKO152	HbA1c Normal control	Soon available
DKO153	HbA1c Abnormal Control	Soon available
DKO154	Hb Total Urine (Microhaematuria) Normal Control	Soon available
DKO155	Hb Total Urine (Microhaematuria) Abnormal Control	Soon available
DKO156	Diametra Hormone Control plus	Soon available
DKO161	Calibrator for Microalbumin	1 x 1 ml
DKO162	Calibrator for ASO ref. WHO (1° International Std. Anti-Streptolysin O)	1 x 1 ml
DKO163	Calibrator for CRP ref CRM 470	1 x 1 ml
DKO164	Calibrator for CRP Ultra Sensitivity ref. CRM 470	1 x 1 ml
DKO165	Calibrator for Free Urinary Kappa and Lambda Chain ref. CRM 470	1 x 1 ml
DKO166	Calibrator for RF ref. WHO (Rheumatoid Arthritis Serum, IRP)	1 x 1 ml
DKO167	Calibrator for Transferrin	1 x 1 ml
DKO168	Control, for ASO, CRP, RF, CRP Ultra sensitivity, low level	1 x 1 ml
DKO169	Control for ASO, CRP, RF, medium level	1 x 1 ml
DKO170	Control for Microalbumin	1 x 5 ml lyophilized
DKO171	Control for Proteins, high level	1 x 1 ml
DKO172	Control for Proteins, medium level	1 x 1 ml
DKO173	Control for CRP HS	1 x 1 ml
DKO174	Control for Free Urinary Kappa and Lambda Chain	1 x 1 ml lyophilized

FERTILITY PROTEIC HORMONES

*Immunoenzimatic assay (ELISA) for the quantitative determination on serum or plasma.
Direct method on microplate (96 breakable wells), TMB*

Code	Item	Sensitivity	Analytical Range
DKO009	LH	0,8 IU/ml	5,0 – 100 IU/ml
DKO010	FSH	0,8 IU/ml	5 – 100 IU/ml
DKO011	PROLACTIN	0,05 ng/ml	5,0 – 200 ng/ml
DKO014	b-HCG	0,5 mIU/ml	1,0 – 400 mIU/ml
DKO087	SHBG	0,2 nmol/ml	2,78 – 278 nmol/ml



The most up to date THYROID Profile

TSH FT4 FT3 T4 T3

Thyreoglobulin • Anti TSH Receptors

Anti Tg • Anti TPO

Complete functional and
immunological status assessment



THYROID MONITORING

*Immunoenzimatic determination (ELISA) in serum or plasma.
Direct sandwich or competitive method on microplate (96 breakable wells) T.M.B.*

Code	Item	Sensitivity	Analytical Range
DKO013	TSH	0,035 mIU/ml	0,2 – 20,0 mIU/ml
DKO037	FT3	0,1 pg/ml	0,4 – 18,0 pg/ml
DKO038	FT4	0,05 ng/dl	0,3 – 7,0 ng/dl
DKO044	T3	16 ng/dl	50,0 – 750,0 ng/dl
DKO045	T4	0,4 µg/dl	2,0 – 25,0 µg/dl
DKO048	Thyreoglobulin	0,15 ng/ml	1,0 – 300,0 ng/ml

Code	Item	Sensitivity	Specificity
DKO115	Anti TG	96,3 %	94,9 %
DKO116	Anti TPO	94,0 %	92,9 %
DKO085	TSH Receptor Ab	95,0 %	>99,0 %

HYPERTENSION

*Immunoenzimatic assay (ELISA) for the quantitative determination on serum or plasma.
Method on microplate (96 breakable wells), TMB*

Code	Item	Sensitivity	Analytical Range
DKO053	Aldosterone	15 pg/mL	20 – 2000 pg/mL
DKO150	Renin	Soon available	

CALCIUM METABOLISM

*Immunoenzimatic assay (ELISA) for the quantitative determination on serum or plasma.
Method on microplate (96 breakable wells), TMB*

Code	Item	Sensitivity
DKO146	25 OH Vitamin D	Soon available
DKO157	Intact PTH	Soon available

MISCELLANEOUS

*Immunoenzimatic assay (ELISA) for the quantitative determination on serum or plasma.
Method on microplate (96 breakable wells), TMB*

Code	Item	Sensitivity	Analytical Range
DKO039	Ferritin	1,0 ng/ml	5,0 – 1000,0 ng/ml
DKO050	HGH	0,8 µIU/ml	5,0 – 150,0 µIU/ml
DKO060	IgE Total	1 IU/ml	1,0 – 400,0 IU/ml
DKO148	Hb Total Urine (Microhaematuria) High sensitivity	Soon available	

CIRCULATING IMMUNOCOMPLEX

Immunoenzimatic determination of specific circulating immunocomplexes in plasma or serum

Code	Item	Sensitivity	Analytical Range
DKO016	CIC C1q	1 µg Equiv/ml	16,0 – 64,0 µg Equiv/ml
DKO017	CIC C3d	1 µg Equiv/ml	16,0 – 64,0 µg Equiv/ml
DKO031*	CIC IgG		Semiquantitative. Cut-off ±2 SD
DKO033*	CIC IgM		Semiquantitative. Cut-off ±2 SD
DKO034*	CIC IgA		Semiquantitative. Cut-off ±2 SD
DKO040	CH-50		0 – 100 %

* RUO: For research use only

SPECIFIC PROTEINS

*Quantitative determination of specific proteins in human serum, plasma and urine by
Immuno-Turbidimetric Method*

Code	Item	Sensitivity	Analytical Range
DKO134	ASO (Anti Streptolysin O) Lx	10,0 IU/ml	0 – 1000,0 IU/ml
DKO135	RF (Rheumatoid Factor) Lx	4,0 IU/ml	0 – 200 IU/ml
DKO136	CRP HS (C Reactive Protein High Sensitivity) Lx		0,1 mg/ml 0 – 100 mg/ml
DKO139	Free Urinary Kappa and Lambda chain Lx		4,0 IU/ml 0 – 200 IU/ml
DKO158	CRP	Soon available	
DKO159	Microalbumin	Soon available	
DKO160	Transferrin	Soon available	



Infectious Diseases Products Line

*A combination of well established and innovative kits
as result of internal development and
close cooperation with research institutes.*

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INFECTIOUS DISEASES

*Immunoenzimatic assay (ELISA) for the quantitative determination on serum or plasma.
Direct method on microplate (96 breakable wells), TMB*

Code	Item	Test principle/range	Incubation time
DKI001	Epstein Barr Virus VCA IgA	Quantitative 0,1 – 150 U/ml	60 + 30 + 20 min
DKI002	Epstein Barr Virus VCA IgG	Qualitative/semiquantitative	60 + 60 + 20 min
DKI003	Epstein Barr Virus VCA IgM	Qualitative/semiquantitative	60 + 60 + 20 min
DKI004	Herpes simplex Virus Type 1 IgG	Qualitative/semiquantitative	60 + 30 + 15 min
DKI005	Herpes simplex Virus Type 1 IgM	Qualitative/semiquantitative	60 + 30 + 15 min
DKI006	Herpes simplex Virus Type 2 IgG	Qualitative/semiquantitative	60 + 30 + 15 min
DKI007	Herpes simplex Virus Type 2 IgM	Qualitative/semiquantitative	60 + 30 + 15 min
DKI008	Herpes simplex Virus Type 1+2 IgG	Qualitative/semiquantitative	60 + 30 + 15 min
DKI009	Herpes simplex Virus Type 1+2 IgM	Qualitative/semiquantitative	60 + 30 + 15 min
DKI010	Chagas (Trypanosoma cruzi) IgG	Qualitative	30 + 30 + 30 min
DKI011	Dengue Virus IgG	Qualitative/semiquantitative	60 + 30 + 15 min
DKI012	Dengue Virus IgM	Qualitative/semiquantitative	60 + 30 + 15 min
DKI013	Malaria Ab (IgG, IgM, IgA)	Qualitative/semiquantitative	30 + 30 + 30 min
DKI014*	Chlamidia trachomatis IgA	Qualitative	60 + 30 + 15 min
DKI015*	Chlamidia trachomatis IgG	Qualitative	60 + 30 + 15 min
DKI016*	Chlamidia trachomatis IgM	Qualitative	60 + 30 + 15 min
DKI017	Helicobacter pylori IgG	Qualitative/quantitative 0 – 150 DU/ml	60 + 30 + 15 min
DKI018	Helicobacter pylori IgM	Qualitative	30 + 30 + 20 min
DKI019	Helicobacter pylori IgA	Qualitative/quantitative 0 – 150 DU/ml	60 + 30 + 15 min
DKI020	Helicobacter pylori Ag in stools	Qualitative/quantitative 0 – 1 µg/ml	120 + 20 min
DKI021	Helicobacter pylori Ag in stools extraction kit		
DKI022	HAV Antigen in stools	Qualitative/semiquantitative	120 + 120 + 30 min
DKI023	Treponema pallidum IgG	Qualitative/semiquantitative	60 + 30 + 15 min
DKI024	Treponema pallidum IgM	Qualitative/semiquantitative	60 + 30 + 15 min
DKI025	Treponema pallidum screen	Qualitative	60 + 30 + 15 min
DKI026	Tetanus toxin (Antitoxin) IgG	Quantitative 0,2 – 1 IU/ml	60 + 30 + 15 min

* RUO: For research use only

SALES CONDITIONS

Prices and Terms

Prices are in Euro, EX WORKS SPELLO - PERUGIA - ITALY unless differently agreed.
Prices will be effective at the date of the order acknowledgment by DiaMetra.
Goods will be delivered as per your instructions.
Handling fees will be billed in the invoice.

Minimum Acceptable Order: Euro 250,00

Payment terms

Unless otherwise agreed in writing, payment shall be made by cash in advance.
Should the payment be made in whole or in part after delivery, the delivered products remain property of DiaMetra srl until the payment obligations have been entirely fulfilled.

Claim and Return

DiaMetra srl is committed to fulfill and ship out the orders promptly.
If wrong deliveries or damage to the products do occur, please notify them to us immediately.
If the purchaser fails to notify DiaMetra of such defects within 10 days, the products will be deemed in compliance with the specifications.
DiaMetra srl sole obligation is limited to the replacement of the products proven as defective.
In no case DiaMetra shall be liable for indirect, incidental or consequential damages to the use of the products.
Return of goods will not be accepted without prior written authorization by DiaMetra.

For any controversy or dispute arising out or related to the interpretation of the present general conditions and/or any contract connected there with, the competent court of MILANO, Italy will have exclusive jurisdiction.

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