demeditec

40 YEARS 1987–2027

Product Catalogue 2027

Your partner in...

veterinary
saliva
endocrinology
infectious disease
food analytics

...diagnostics



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Demeditec Diagnostics GmbH is a privately owned company located in northern Germany. Since the foundation in 1987 Demeditec has rapidly grown to become a successful and reliable manufacturer and supplier of in vitro diagnostic test kits. We are, therefore, proud to present an extensive products panel of non-radioactive (ELISA) and radioactive (RIA) test systems.

Our top-selling products feature Human and Veterinary Diagnostics, Endocrinology – especially Salivary Diagnostics –, Infectious Diseases, Autoimmunity, Biogenic Amines, Tumor Markers and Food Analytics.

Our customers are located worldwide and include private laboratories, hospitals, universities as well as other research institutions and pharmaceutical companies.

To ensure the quality of our products, services and support, Demeditec has been certified according to EN ISO 9001 and EN ISO 13485 since 2003 and according to the GMP standard since 2011. These certifications, along with qualified and creative personnel, enable the development of innovative test kits in our R&D department.

We welcome you to be a part of our network and hope to convince you of the quality of our products and support.



Arndt Stüber
General Manager





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Introduction

Dear partner,

by specializing and expanding our product range, we are able to supply new kinds of customer groups and establish our enzyme-immunoassays in numerous laboratories, hospitals, universities as well as other research institutions and pharmaceutical companies.

With this product catalogue we'd like to introduce our top-selling assays to you!



Veterinary Diagnostics



This product group contains a wide range of immunoassays for the determination of various parameters for veterinary diagnostics and research. Our portfolio includes immunoassays for analytes of different animals. Here we offer many species-specific test kits of which some are unique worldwide. These are often used by CROs and in pharmaceutical studies.

Moreover for determination of steroids in animals also our human test-kits can be used since the structure of steroid hormones is the same in all species. It would be recommended performing an extraction step of the samples prior to the assay in order to avoid any influences caused by the different matrix. To avoid this additional step alternatively steroid measurement of the free steroid fraction is possible by using salivary samples. Usually it is not difficult to get saliva samples from various animals which can be used directly in our saliva assays which can be found on the next page.

For more details please ask for our special brochure "Veterinary Diagnostics".

New

TSH mouse ELISA (DEV8822)

Method	Applicable Species	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Final sample volume	Sample type	Substrate
Adenovirus									
ELISA	various	DESEE017	96	1 h 10 min	Cut-off	96.5 %	50 µl	feces	TMB 450 nm
Adiponectin mouse									
ELISA	mouse	DEBV1000	96	2 h 40 min	0.25 - 8 ng/ml	0.079 ng/ml	100 µl	serum	TMB 450 nm
Amyloid beta (1-40) rat/mouse				overnight				serum, plasma,	
ELISA	rat, mouse	JP27720	96	+1 h 30 min	1.56 - 100 pg/ml	0.28 pg/ml	100 µl	brain extract, ccs	TMB 450 nm
Amyloid beta (1-42) mouse/rat				overnight					
ELISA	rat, mouse	JP27721	96	+1 h 30 min	1.56 - 100 pg/ml	0.05 pg/ml	100 µl	serum, plasma	TMB 450 nm
Anaplasma vet									
ELISA	canine, other mammals	DEANAVT0850	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
Astrovirus									
ELISA	various	DESEE045	96	1 h 10 min	Cut-off	96.1 %	50 µl	feces	TMB 450 nm
Babesia vet									
ELISA	canine, other mammals	DEBABVT0890	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
Borrelia vet									
ELISA	canine, other mammals	DEBORVT0040	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
Brucella vet									
ELISA	bovine, porcine, canine	DEBRUVT0050	96	1 h 45 min	Cut-off	-	100 µl	serum, milk	TMB 450 nm
Campylobacter									
ELISA	various	DESEE093	96	1 h 40 min	Cut-off	99.3 %	100 µl	feces	TMB 450 nm
Canine Distemper Virus (CDV)									
ELISA	canine, other mammals	DEMEAVT0330	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
Canine Parvovirus (CPV)									
ELISA	canine, other mammalian	DEPARVT0370	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
Clostridium difficile GDH									
ELISA	various	DESEE107	96	1 h 10 min	Cut-off	96.1%	100 µl	feces	TMB 450 nm
Clostridium difficile Toxin A+B									
ELISA	various	DESEE040	96	2 h 15 min	Cut-off	98.1 %	100 µl	feces	TMB 450 nm
Clusterin canine/feline									
ELISA	canine, feline	DEBV1001	96	2 h 40 min	1 - 40 ng/ml	0.2 ng/ml	100 µl	serum, plasma, urine	TMB 450 nm
Clusterin rat									
ELISA	rat	DEBV1002	96	2 h 40 min	2 - 128 ng/ml	0.7 ng/ml	100 µl	serum, urine	TMB 450 nm
Corticosterone rat/mouse									
ELISA	rat, mouse	DEV9922	96	2 h 30 min	15 - 2,250 ng/ml	6.1 ng/ml	10 µl	serum, plasma	TMB 450 nm
Coxiella Phase 1 vet									
ELISA	various	DECOX1VT0600	96	1 h 45 min	Cut-off	-	100 µl	serum, milk	TMB 450 nm
Coxiella Phase 2 vet									
ELISA	various	DECOX2VT0600	96	1 h 45 min	Cut-off	-	100 µl	serum, milk	TMB 450 nm
Coxiella vet									
ELISA	bovine, other mammals	DECOXVT0600	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
CRP canine								serum, plasma, cell	
ELISA	canine	DE1024	96	1 h 50 min	48 - 500 ng/ml	29.8 ng/ml	20 µl	culture	TMB 450 nm
Cryptosporidium parvum									
ELISA	various	DESEE039	96	1 h 40 min	Cut-off	96.9 %	100 µl	feces	TMB 450 nm

Veterinary Diagnostics

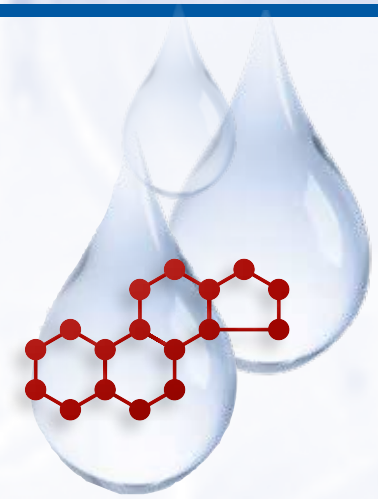
Method	Applicable Species	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Final sample volume	Sample type	Substrate
Cystatin C canine									
ELISA	canine	DEBV1005	96	2 h 15 min	0.31 - 10 ng/ml	0.005 ng/ml	100 µl	serum, urine	TMB 450 nm
Cystatin C mouse									
ELISA	mouse	DEBV1003	96	2 h 40 min	0.156 - 10 ng/ml	0.04 ng/ml	100 µl	serum	TMB 450 nm
Cystatin C rat									
ELISA	rat	DEBV1004	96	2 h 40 min	0.78 - 25 ng/ml	0.009 ng/ml	100 µl	serum, plasma, urine	TMB 450 nm
Dirofilaria Antigen vet									
ELISA	canine, various	DEDIRVT4760	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
Echinococcus vet									
ELISA	various	DEECHVT0130	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
Ehrlichia vet									
ELISA	canine, other mammals	DEEHRVT0930	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
Endothelin-1 (Big) rat									
ELISA	rat	JP27167	96	overnight + 1 h	0.78 - 100 pg/ml	0.3 pg/ml	100 µl	serum, plasma, ccs, tissue extract	TMB 450 nm
Entamoeba histolytica									
ELISA	various	DESEE018	96	1 h 40 min	Cut-off	87.5 %	100 µl	feces	TMB 450 nm
Estradiol rat									
ELISA	rat	DEV9999	96	3 h 30 min	5 - 1,280 pg/ml	2.5 pg/ml	75 µl	serum	TMB 450 nm
Estrone-3-Sulfate equine									
ELISA	equine	DEV9933	96	2 h	5 - 500 ng/ml	0.36 ng/ml	20 µl	serum	TMB 450 nm
Feline Corona Virus (FCoV/FIP)									
ELISA	feline	DEFIPVT0870	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
Feline Immunodeficiency Virus (FIV)									
ELISA	feline	DEFIVVT0750	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
Feline Leukemia Virus (FeLV) Antigen									
ELISA	feline	DEFELVT4800	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
FGF-21 mouse/rat									
ELISA	mouse, rat	DEBV1006	96	2 h 40 min	40 - 2,560 pg/ml	18.4 pg/ml	100 µl	serum	TMB 450 nm
Giardia Antigen vet									
ELISA	various	DEGIAVT4160	96	1 h 45 min	Cut-off	-	100 µl	feces	TMB 450 nm
GRO/CINC-1 rat									
ELISA	rat	JP27162	96	2 h	4.69 - 300 pg/ml	0.35 pg/ml	100 µl	serum, plasma, ccs	TMB 450 nm
Haptoglobin canine & feline									
ELISA	canine, feline	DE1033	96	1 h 45 min	125 - 2,000 ng/ml	22.9 ng/ml	20 µl	serum	TMB 450 nm
Helicobacter pylori									
ELISA	various	DESEE114	96	1 h 40 min	Cut-off	< 31.3 ng/ml	100 µl	feces	TMB 450 nm
IGF-I mouse/rat									
ELISA	rat, mouse	DEE025	96	2 h	0.5 - 18 ng/ml	0.315 ng/ml	50 µl	serum, plasma	TMB 450 nm
Interleukin-1beta rat									
ELISA	rat	JP27193	96	1 d 1 h	11.7 - 750 pg/ml	1.67 pg/ml	100 µl	serum, plasma, ccs	TMB 450 nm
Interleukin-6 mouse									
ELISA	mouse	JP27768	96	overnight + 1 h	10.94 - 700 pg/ml	1.07 pg/ml	100 µl	serum, plasma, ccs	TMB 450 nm
Leishmania vet									
ELISA	canine, other mammals	DE0310	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
Leptin mouse									
ELISA	mouse	JP27160	96	2 h	12.5 - 800 pg/ml	0.86 pg/ml	100 µl	serum, plasma, ccs	TMB 450 nm
Leptin mouse/rat									
ELISA	mouse, rat	DEBV1007	96	2 h 40 min	100 - 4,000 pg/ml	30 pg/ml (mouse); 50 pg/ml (rat)	100 µl	serum, plasma	TMB 450 nm
Leptin rat									
ELISA	rat	JP27295	96	2 h	56.25 - 3,600 pg/ml	10.8 pg/ml	100 µl	serum, plasma, ccs	TMB 450 nm
Leptospira IgM vet									
ELISA	various	DELEPVM0660	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
Leptospira vet									
ELISA	canine, other mammals	DELEPVT0660	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
LRG mouse									
ELISA	mouse	JP27785	96	2 h	0.25 - 16 ng/ml	0.06 ng/ml	100 µl	serum, plasma, ccs	TMB 450 nm
MCP-1 rat									
ELISA	rat	JP17176	96	2 h	50 - 3,200 pg/ml	40 pg/ml	100 µl	serum, urine, ccs	TMB 450 nm
N-ERC/Mesothelin rat									
ELISA	rat	JP27765	96	2 h	0.08 - 5 ng/ml	10 pg/ml	100 µl	serum, plasma, ccs	TMB 450 nm
Norovirus									
ELISA	various	DESEE061	96	1 h 40 min	Cut-off	94.9 %	100 µl	feces	TMB 450 nm
Osteopontin mouse									
ELISA	mouse	JP27351	96	2 h	1 - 64 ng/ml	0.15 ng/ml	100 µl	urine, plasma, ccs	TMB 450 nm
Osteopontin N-half mouse									
ELISA	mouse	JP27259	96	2 h	25 - 1,600 pmol/l	5.63 pmol/l	100 µl	urine, plasma, ccs	TMB 450 nm
Osteopontin rat									
ELISA	rat	JP27360	96	2 h	0.07 - 4.75 ng/ml	0.01 ng/ml	100 µl	plasma, ccs, urine	TMB 450 nm
Pasteurella multocida Toxin Antibody vet									
ELISA	porcine, various	DEPASVT0960	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
PMSG									
ELISA	equine	DE1298	96	2 h 30 min	25 - 800 mIU/ml	-	50 µl	serum	TMB 450 nm
Progesterone camel									
ELISA	camel	DEV8833	96	2 h	0.25 - 20 ng/ml	0.13 ng/ml	10 µl	serum, plasma	TMB 450 nm
Progesterone rat/mouse									
ELISA	rat, mouse	DEV9988	96	1 h 30 min	0.4 - 100 ng/ml	0.156 ng/ml	10 µl	serum, plasma	TMB 450 nm

Veterinary Diagnostics

Method	Applicable Species	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Final sample volume	Sample type	Substrate
Riemerella vet									
ELISA	turkey, other avian species	DERIEMVT0880	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
Rotavirus									
ELISA	various	DESEE020	96	1 h 10 min	Cut-off	98.4 %	50 µl	feces	TMB 450 nm
soluble alpha-Klotho mouse									
ELISA	mouse	JP27601	96	2 h	78.13 - 5,000 pg/ml	18.06 pg/ml	100 µl	urine	TMB 450 nm
TBE/FSME IgM vet									
ELISA	various	DETICVM0440	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
TBE/FSME vet									
ELISA	various	DETICVT0440	96	1 h 45 min	50 - 300 U/ml	-	100 µl	serum	TMB 450 nm
Testosterone rat/mouse									
ELISA	rat, mouse	DEV9911	96	1 h 30 min	0.1 - 25 ng/ml	0.024 ng/ml	10 µl	serum, plasma	TMB 450 nm
TNF-alpha rat									
ELISA	rat	JP27194	96	21 h	56 - 3,600 pg/ml	10 pg/ml	100 µl	ccs	TMB 450 nm
Toxocara vet									
ELISA	various	DETOCVT0450	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
Toxoplasma IgM vet									
ELISA	feline	DETOXVM0460	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
Toxoplasma vet									
ELISA	canine, feline	DETOXVT0460	96	1 h 45 min	50 - 200 U/ml	-	100 µl	serum	TMB 450 nm
Trichinella vet									
ELISA	various	DETRIVT0480	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
TSH canine									
ELISA	canine	DEV9955	96	2 h 30 min	0.2 - 5.2 ng/ml	0.049 ng/ml	100 µl	serum, plasma	TMB 450 nm
TSH mouse									
ELISA	mouse	DEV8822	96	18-24 h	0.625 - 10 ng/ml	-	10 µl	serum, plasma	TMB 450 nm
TSH rat									
ELISA	rat	DEV9977	96	18 - 24 h	0.59 - 15 ng/ml	-	10 µl	serum, plasma	TMB 450 nm
Uromodulin canine									
ELISA	canine	DEBV1008	96	2 h 50 min	0.16 - 10 ng/ml	10 pg/ml	100 µl	serum, urine	TMB 450 nm
VEGF mouse									
ELISA	mouse	JP27102	96	2 h	62.5 - 4,000 pg/ml	11 pg/ml	100 µl	plasma, serum, ccs	TMB 450 nm
VEGF rat									
ELISA	rat	JP27101	96	2 h	31.25 - 2,000 pg/ml	5.44 pg/ml	100 µl	plasma, ccs	TMB 450 nm
Verotoxin 1+2									
ELISA	various	DESEE030	96	2 h 15 min	Cut-off	84.6 %	100 µl	feces	TMB 450 nm



Salivary Diagnostics



The exact measurement of hormone concentrations is important for the correct estimation of the hormone balance and endocrine function. This measurement traditionally is performed in blood/serum/plasma samples. Several hormones also can be analyzed in saliva. This technique offers several advantages: the sampling is non-invasive and can be done anytime, anywhere. Saliva testing for steroid hormones by far is the most reliable and convenient method for measuring the hormone activity in endocrine disorders and in checking the hormonal balance. Typical fields of applications are: Psychology, Endocrinology, Anti-Aging, Sports Medicine, Veterinary Diagnostics and more.

New

Cortisol free in Saliva ELISA (DES6611R)
Direct Saliva Melatonin ELISA (EK-DSM-U)
Melatonin ELISA (MLTN-96-U)

Method	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Internal controls	Final sample volume	Sample type	Substrate
17-OH-Progesterone free in Saliva									
ELISA	DESLV3140	96	1 h 15 min	10 - 1,000 pg/ml	2.5 pg/ml	2	25 µl	saliva	TMB 450 nm
Androstenedione free in Saliva									
ELISA	DESLV4780	96	1 h 15 min	20 - 1,000 pg/ml	5 pg/ml	2	50 µl	saliva	TMB 450 nm
Cortisol free in Saliva									
ELISA	DES6611R	96	1 h 30 min	0.1 - 30 ng/ml	0.04 ng/ml	2	50 µl	saliva	TMB 450 nm
ELISA	CAN-C-240	96	1 h 5 min	0 - 50 ng/ml	0.033 ng/ml	2	25 µl	saliva	TMB 450 nm
DHEA free in Saliva									
ELISA	DES6666	96	1 h 30 min	10 -2,560 pg/ml	6.4 pg/ml	2	100 µl	saliva	TMB 450 nm
Direct Saliva Melatonin									
ELISA	EK-DSM-U	96	19 h 30 min	0.5 - 50 pg/ml	0.47 pg/ml	2	100 µl	saliva	TMB 450 nm
Estradiol free in Saliva									
ELISA	DESLV4188	96	3 h	1 - 100 pg/ml	0.72 pg/ml	2	100 µl	saliva	TMB 450 nm
Melatonin									
ELISA	MLTN-96-U	96	17 h 30 min - 25 h 30 min	0.5 - 50 pg/ml	-	2	100 µl	saliva	TMB 450 nm
Progesterone Saliva									
ELISA	CAN-P-310	96	1 h 20 min	20 - 5,000 pg/ml	20 pg/ml	2	50 µl	saliva	TMB 450 nm
Testosterone free in Saliva									
ELISA	DES6622	96	1 h 30 min	10 - 1,000 pg/ml	6.1 pg/ml	2	100 µl	saliva	TMB 450 nm
ELISA	CAN-TE-300	96	1 h 30 min	10 - 1,000 pg/ml	6.75 pg/ml	2	100 µl	saliva	TMB 450 nm

Growth Factor

Growth factors are soluble-secreted signaling polypeptides capable of instructing specific cellular responses in a biological environment. The specific cellular response triggered by growth factor signaling can result in a very wide range of cell actions, including cell survival, and control over migration, differentiation or proliferation of a specific subset of cells. They also play important roles in the maintenance of tissue homeostasis and wound healing in the adult. Their activities are mediated via binding to transmembrane receptors that often contain cytoplasmic tyrosine kinase domains. When unregulated, many growth factors and their receptors have been implicated in tumor formation. In summary the system of Growth Hormone and the Insulin-like Growth Factors with their Binding Proteins is an important control cycle.

Method	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Internal controls	Final sample volume	Sample type	Isotope / Substrate
Adiponectin									
ELISA	CAN-APN-5000	96	1 h 45 min	2 - 50 ng/ml	0.06 ng/ml	2	50 µl	serum, plasma	TMB 450 nm
Growth Hormone (GH)									
IRMA	IT1397	100	1 h	0.5 - 102 mIU/l	0.1 mIU/l	1	50 µl	serum, plasma	I-125
ELISA	CAN-GH-4070	96	1 h 15 min	1 - 50 ng/ml	0.2 ng/ml	2	25 µl	serum	TMB 450 nm
IGFBP-3									
IRMA	DE6600	100	18 - 24 h	2.1 - 110 ng/ml	0.5 ng/ml	2	50 µl	serum	I-125
ELISA	DEE003A	96	2 h 30 min	0.4 - 30 ng/ml	0.03 ng/ml	2	50 µl	serum, plasma	TMB 450 nm
IGF-I									
ELISA	DEE020	96	1 h 45 min	2 - 50 ng/ml	0.09 ng/ml	2	20 µl	serum, plasma	TMB 450 nm
ELISA	DE4140	96	2 h 45 min	10 - 600 ng/ml	9.75 ng/ml	2	20 µl	serum	TMB 450 nm
IRMA	A15729	100	1 h	42.9 - 2,080 ng/ml	2 ng/ml	1	50 µl	serum, plasma	I-125
PLGF (Placenta growth factor)									
ELISA	DE4529	96	2 h 30 min	25 - 1,000 pg/ml	< 1.062 pg/ml	2	25 µl	serum	TMB 450 nm

Biogenic Amines

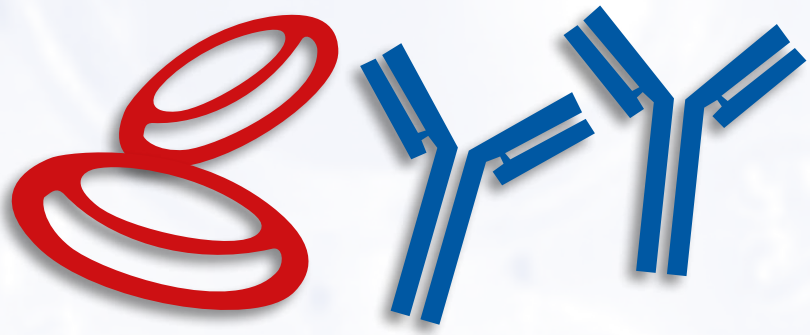


Naturally occurring biogenic amines in plants, animals and humans play a crucial role as tissue hormones or neurotransmitters. There are five established biogenic amine neurotransmitters: the three catecholamines – dopamine, norepinephrine (noradrenaline), and epinephrine (adrenaline) – and histamine and serotonin. Neurotransmitters are prominent participants in the etiology of many peripheral and central nervous system disorders.

Our portfolio of Biogenic Amines is applicable for the diagnosis of e. g. Pheochromocytoma, burn-out syndrome, cardiac diseases, hyper- and hypotensia and carcinoid syndrome.

Method	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Internal controls	Final sample volume	Sample type	Substrate
2-CAT									
ELISA	DEE6500	2 x 96	3 h 25 min	AD: 1 - 200 ng/ml; NAD: 5 - 1,000 ng/ml	AD: u: 0.9 ng/ml; p: 10 pg/ml; NAD: u: 1.7 ng/ml; p: 36 pg/ml	2	AD: 100 µl; NAD: 20 µl	urine, plasma	TMB 450 nm
3-CAT									
ELISA	DEE6600	3 x 96	3 h 25 min	AD: 1 - 200 ng/ml; NAD: 5 - 1,000 ng/ml; DOP: 4.5 - 2,000 ng/ml	AD: u: 0.9 ng/ml; p: 10 pg/ml NAD: u: 1.7 ng/ml; p: 36 pg/ml; DOP: u: 2.5 ng/ml; p: 49 pg/ml	2	AD: 100 µl; NAD: 20 µl; DOP: u: 25 µl; p: 50 µl	urine, plasma	TMB 450 nm
5-HIAA									
ELISA	DEE1900	96	2 h 20 min	0.5 - 50 mg/l	0.17 mg/l	2	25 µl	urine	TMB 450 nm
Adrenaline									
ELISA	DEE5100R	96	15 h 50 min	0.5 - 80 ng/ml	3.3 pg/ml	2	100 µl	various biol. sample types	TMB 450 nm
Dopamine									
ELISA	DEE6300	96	3 h 25 min	4.5 - 2,000 ng/ml	u: 2.5 ng/ml; p: 49 pg/ml	2	u: 25 µl; p: 50 µl	urine, plasma	TMB 450 nm
Glutamate									
ELISA	DEE2400R	96	2 h 50 min	0.6 - 60 µg/ml	0.3 µg/ml	2	25 µl	urine, various biol. samples	TMB 450 nm
Histamine									
ELISA	DEE1000	96	3 h 50 min	0.5 - 50 ng/ml	p: 0.18 ng/ml; u: 0.22 ng/ml	2	25 µl	urine, plasma	TMB 450 nm
ELISA	IM2562	96	2 h 30 min	0 - 100 nM	0.52 nM	1	100 µl	plasma, urine, whole blood, biol. samples	pNpp 405 nm
Histamine multispecies									
ELISA	DEE5800R	96	3 h 50 min	0,5 - 50 ng/ml	0,2 ng/ml	2	10 µl	plasma, biol. fluids	TMB 450 nm
Metanephrine									
ELISA	DEE8100	96	16 h	36 - 3,600 pg/ml	14.9 pg/ml	2	50 µl	plasma	TMB 450 nm
ELISA	DEE8400	96	1 h	20 - 2,000 ng/ml	13 ng/ml	2	25 µl	urine	TMB 450 nm
Nephrines									
ELISA	DEE8300	2 x 96	16 h	MT: 36 - 3,600 pg/ml; NMT: 72 - 7,200 pg/ml	MT: 14.9 pg/ml; NMT: 17.9 pg/ml	2	MT: 50 µl; NMT: 25 µl	plasma	TMB 450 nm
ELISA	DEE8600	2 x 96	1 h	MT: 20 - 2,000 ng/ml; NMT: 30 - 3,000 ng/ml	MT: 13 ng/ml; NMT: 23 ng/ml	2	25 µl	urine	TMB 450 nm
Noradrenaline									
ELISA	DEE5200R	96	15 h 50 min	0.2 - 32 ng/ml	1.3 pg/ml	2	100 µl	various biol. sample types	TMB 450 nm
Normetanephrine									
ELISA	DEE8200	96	16 h	72 - 7,200 pg/ml	17.9 pg/ml	2	25 µl	plasma	TMB 450 nm
ELISA	DEE8500	96	1 h	30 - 3,000 ng/ml	23 ng/ml	2	25 µl	urine	TMB 450 nm
Serotonin									
ELISA	DEE8900	96	1 h	15 - 2,500 ng/ml	5.9 ng/ml	2	25 µl	serum, urine	TMB 450 nm
ELISA	DEE5900R	96	15 h 50 min	0.015 - 2.5 ng/ml	0.005 ng/ml	2	100 µl	various biol. sample types	TMB 450 nm

Autoimmunity



One of the cardinal properties of the immune system is its ability to recognize and respond to foreign antigens but not to self-antigens. Loss of this self-tolerance, results in immune reactions against one's, or autologous, antigens. Such reactions are called autoimmunity, and the diseases they cause are called autoimmune diseases. These ELISAs are suitable for the diagnosis and therapy monitoring of rheumatic diseases, thrombosis, vasculitis, diabetes and autoimmune diseases of the gastrointestinal tract.

Method	Antibody class	Cat -No.	Tests	Incubation time	Standard range	Sensitivity	Internal controls	Final sample volume	Sample type	Substrate
21-OH Ab										
ELISA		21E/96	96	17 h 40 min	0.3 – 100 U/ml	0.13 U/ml	2	50 µl	serum	TMB 450 nm
Acetylcholine Receptor Autoantibody										
ELISA		ACE/96	96	23 h	0.5 - 20 nmol/l	0.25 nmol/l	3	100 µl	serum	TMB 450 nm
ANA Screen										
ELISA		DE7030	96	1 h 5 min	Cut-off	diagn. 96.4 %	1	100 µl	serum, plasma	TMB 450 nm
Anti-Ovarian Ab										
ELISA		DE2937	96	2 h 30 min	6 - 100 U/ml	-	1	50 µl	serum	TMB 450 nm
Anti-Spermatozoa Antibody (ASA)										
ELISA		DE1021	96	2 h 30 min	31 - 250 U/ml	3.74 U/ml	1	50 µl	seminal plasma	TMB 450 nm
ELISA		DE1020	96	2 h	31 - 250 U/ml	8.553 U/ml	1	50 µl	serum	TMB 450 nm
beta2-Glycoprotein I Ab										
ELISA	IgG/IgM	DE7260	96	1 h 5 min	6.3 - 100 U/ml	0.5 U/ml	2	100 µl	serum, plasma	TMB 450 nm
Cardiolipin Ab										
ELISA	IgG/IgM	DE7300	96	1 h 5 min	IgG: 7.5 - 120 U/ml; IgM: 5 - 80 U/ml	IgG: 1 U/ml; IgM: 0.5 U/ml	2	100 µl	serum, plasma	TMB 450 nm
CCP Ab										
ELISA		DE7760	96	1 h 5 min	20 - 1,000 U/ml	1 U/ml	2	100 µl	serum, plasma	TMB 450 nm
DGP Ab										
ELISA	IgA	DE7770	96	1 h 5 min	6.3 - 100 U/ml	1 U/ml	2	100 µl	serum, plasma	TMB 450 nm
ELISA	IgG	DE7780	96	1 h 5 min	6.3 - 100 U/ml	1 U/ml	2	100 µl	serum, plasma	TMB 450 nm
ds-DNA Ab										
ELISA	IgG	DE7360	96	1 h 5 min	12.5 - 200 IU/ml	1 IU/ml	2	100 µl	serum, plasma	TMB 450 nm
Phospholipid Screen										
ELISA	IgG/IgM	DE7470	96	1 h 5 min	6.3 - 100 U/ml	0.5 U/ml	2	100 µl	serum, plasma	TMB 450 nm
Tissue Transglutaminase Ab										
ELISA	IgA	DE7720	96	1 h 5 min	5 - 200 U/ml	1 U/ml	2	100 µl	serum, plasma	TMB 450 nm
ELISA	IgG	DE7730	96	1 h 5 min	5 - 200 U/ml	1 U/ml	2	100 µl	serum, plasma	TMB 450 nm

Immunology



Immunology is a branch of biomedical science that covers the study of all aspects of the immune system in all organisms. It deals with the physiological functioning of the immune system in states of both health and diseases, malfunctions of the immune system in immunological disorders.

Topseller of this product group in combination with other inflammatory and fertility markers: PMN-Elastase ELISA.

Method	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Internal controls	Final sample volume	Sample type	Substrate
alpha2, 6-Sialyltransferase									
ELISA	JP27762	96	2 h	1 - 70 ng/ml	0.2 ng/ml	-	100 µl	serum, plasma, ccs	TMB 450 nm
alpha-Synuclein human									
ELISA	JP27740	96	overnight + 1 h 30 min	0.16 - 10 ng/ml	0.03 ng/ml	-	100 µl	serum, plasma, CSF, ccs	TMB 450 nm
Amyloid beta (1-38) high sensitive human									
ELISA	JP27717	96	overnight + 1 h 30 min	9.38 - 600 pg/ml	1.28 pg/ml	-	100 µl	CSF, ccs	TMB 450 nm
Amyloid beta (1-42) high sensitive									
ELISA	JP27719	96	overnight + 1 h 30 min	1.56 - 100 pg/ml	0.29 pg/ml	-	100 µl	plasma, CSF, ccs	TMB 450 nm
Amyloid beta (1-43) (FL) human									
ELISA	JP27710	96	overnight + 1 h 30 min	2.34 - 150 pg/ml	-	-	100 µl	brain extract of Tg mouse, ccs, CSF	TMB 450 nm
Amyloid beta (1-x) human									
ELISA	JP27729	96	overnight + 1 h 30 min	7.81 - 500 pg/ml	3.55 pg/ml	-	100 µl	plasma, CSF, serum, ccs, brain tissue extracts	TMB 450 nm
Amyloid beta (N3pE-40) human									
ELISA	JP27418	96	overnight + 1 h 30 min	3.13 - 200 pg/ml	0.31 pg/ml	-	100 µl	brain tissue extract	TMB 450 nm
Amyloid beta (n3pE-42) human									
ELISA	JP27716	96	overnight + 1 h 30 min	7.75 - 496 pg/ml	1.94 pg/ml	-	100 µl	brain tissue extract, serum, plasma	TMB 450 nm
Amyloid beta (x-40) human									
ELISA	JP27713	96	overnight + 1 h 30 min	7.81 - 500 pg/ml	5 pg/ml	-	100 µl	serum, plasma, CSF, ccs, brain tissue extract	TMB 450 nm
Amyloid beta (x-42) human									
ELISA	JP27711	96	overnight + 1 h 30 min	12.5 - 800 pg/ml	4.03 pg/ml	-	100 µl	CSF, ccs, extract from brain tissue	TMB 450 nm
Amyloid-beta (1-40) High Sensitive									
ELISA	JP27718	96	overnight + 1 h 30 min	1.56 - 100 pg/ml	1 pg/ml	-	100 µl	serum, plasma, CSF, ccs, extract from brain tissue	TMB 450 nm
Angiopoietin-like 3									
ELISA	JP27750	96	2 h	0.47 - 30 ng/ml	0.08 ng/ml	-	100 µl	serum, plasma, ccs	TMB 450 nm
Angiopoietin-like 4 human									
ELISA	JP27749	96	2 h	23.44 - 1,500 pg/ml	17 pg/ml	-	100 µl	serum, plasma, ccs	TMB 450 nm
ANGPTL2 human									
ELISA	JP27745	96	1 h 30 min	0.05 - 3.5 ng/ml	0.01 ng/ml	-	100 µl	serum, plasma, ccs	TMB 450 nm
APP beta CTF									
ELISA	JP27776	96	1 d 1 h 30 min	0.19 - 12 pmol/l	0.02 pmol/l	-	100 µl	cell lysate	TMB 450 nm
APP770 human									
ELISA	JP27736	96	overnight + 30 min	0.1 - 6.2 ng/ml	0.03 ng/ml	-	100 µl	plasma, CSF, ccs	TMB 450 nm
BACE 1									
ELISA	JP27752	96	2 h	1.56 - 100 ng/ml	0.16 ng/ml	-	100 µl	brain extract, cell culture lysate	TMB 450 nm
Endothelial Lipase (EL) human									
ELISA	JP27182	96	overnight + 1 h	31.3 - 2,000 pg/ml	5.7 pg/ml	-	100 µl	serum, plasma, ccs	TMB 450 nm
Endothelin-1									
ELISA	JP17165A	96	overnight + 1 h	0.78 - 100 pg/ml	0.39 pg/ml	-	100 µl	serum, plasma, ccs tissue extract	TMB 450 nm
FGF19 human									
ELISA	JP27996	96	overnight + 1 h	23.4 - 1,500 pg/ml	7.2 pg/ml	-	100 µl	plasma, ccs	TMB 450 nm

Immunology

Method	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Internal controls	Final sample volume	Sample type	Substrate
FGF21 human									
ELISA	JP27997	96	overnight + 1 h	31.3 - 2,000 pg/ml	29.4 pg/ml	-	100 µl	serum, plasma, ccs	TMB 450 nm
Galectin-3									
ELISA	JP27755	96	2 h	117 - 7,500 pg/ml	44 pg/ml	-	100 µl	lysates of human cell cultures, clinical specimens	TMB 450 nm
G-CSF human									
ELISA	JP27131	96	1 d 3 h	1.95 - 500 pg/ml	1.23 pg/ml	-	100 µl	serum, plasma, ccs	TMB 450 nm
GIP Active form human									
ELISA	JP27201	96	2 h 30 min	1.6 - 100 pg/ml	1.2 pg/ml	-	100 µl	plasma	TMB 450 nm
GIP Total human									
ELISA	JP27203	96	2 h 30 min	1.88 - 120 pmol/l	0.82 pmol/l	-	100 µl	plasma, ccs	TMB 450 nm
GLP-1 inactive form									
ELISA	JP27788	96	2 h 30 min	1.25 - 80 pmol/l	0.36 pmol/l	-	100 µl	plasma, ccs	TMB 450 nm
HB-EGF human									
ELISA	JP27189	96	overnight + 1 h 30 min	0.34 - 22 nmol/l	0.048 nmol/l	-	100 µl	plasma, urine, CSF, ccs	TMB 450 nm
Human Amyloid beta Oligomers (82E1-specific)									
ELISA	JP27725	96	2 h 30 min	18.98 - 1,215 pmol/l	4.41 pmol/l	-	100 µl	serum, plasma, brain tissue extract	TMB 450 nm
Human Big Endothelin-1									
ELISA	JP27168	96	1 d 1 h	0.78 - 100 pg/ml	0.3 pg/ml	-	100 µl	serum, plasma, ccs, tissue extract	TMB 450 nm
IFN-gamma human									
ELISA	DE4434	96	2 h 15 min	1.10 - 27.2 IU/ml	0.03 IU/ml	2	50 µl	serum, plasma	TMB 450 nm
Intelectin-1/Omentin-1 human									
ELISA	JP27361	96	2 h	0.31 - 20 ng/ml	0.23 ng/ml	-	100 µl	serum, plasma, ccs	TMB 450 nm
Interleukin-10 human									
ELISA	DE4699	96	4 h 30 min	13.3 - 1,925 pg/ml	1.6 pg/ml	2	100 µl	serum	TMB 450 nm
Interleukin-1beta human									
ELISA	DE4437	96	2 h 15 min	15.8 - 589 pg/ml	0.35 pg/ml	2	200 µl	serum, plasma	TMB 450 nm
Interleukin-6 human									
ELISA	DE4640	96	2 h 15 min	19.1 - 2,369 pg/ml	2 pg/ml	2	100 µl	serum	TMB 450 nm
Interleukin-8 human									
ELISA	DE4700	96	2 h 30 min	36.6 - 1,635 pg/ml	1.1 pg/ml	2	100 µl	plasma	TMB 450 nm
Mac2BP human									
ELISA	JP27362	96	2 h	0.78 - 100 ng/ml	0.08 ng/ml	-	20 µl	serum, plasma, ccs	TMB 450 nm
Napsin A									
ELISA	JP27758	96	1 d 1 h	3.91 - 250 ng/ml	2.92 ng/ml	-	100 µl	serum, ccs, urine	TMB 450 nm
N-ERC/Mesothelin human									
ELISA	JP27190	96	2 h	0.07 - 4.4 ng/ml	0.017 ng/ml	-	100 µl	plasma	TMB 450 nm
PMN Elastase									
ELISA	DEH3311	96	2 h 30 min	0.16 - 10 ng/ml	0.1 ng/ml	2	100 µl	plasma, seminal plasma	TMB 450 nm
sAPP alpha (highly sensitive) human									
ELISA	JP27734	96	1 d 1 h	0.78 - 50 ng/ml	0.09 ng/ml	-	100 µl	serum, plasma, CSF, ccs	TMB 450 nm
sAPP beta-Swedish Type human									
ELISA	JP27733	96	1 d 1 h	0.39 - 25 ng/ml	0.07 ng/ml	-	100 µl	plasma, ccs, tissue extract	TMB 450 nm
sAPP beta-w (highly sensitive) human									
ELISA	JP27732	96	1 d 1 h	0.78 - 50 ng/ml	0.05 ng/ml	-	100 µl	plasma, CSF, ccs	TMB 450 nm
sAPP total human									
ELISA	JP27731	96	1 d 1 h	0.39 - 25 ng/ml	0.6 ng/ml	-	100 µl	serum, plasma, CSF, ccs	TMB 450 nm
SCF									
ELISA	JP27141	96	2 h	50 - 3,200 pg/ml	7 pg/ml	-	100 µl	ccs	TMB 450 nm
soluble (Pro)renin Receptor									
ELISA	JP27782	96	overnight + 1 h	125 - 8,000 pg/ml	24 pg/ml	-	100 µl	serum, plasma, urine, ccs	TMB 450 nm
Syndecan-4									
ELISA	JP27188	96	2 h	20 - 1,280 pg/ml	3.94 pg/ml	-	100 µl	serum, plasma, ccs	TMB 450 nm
Tenascin-C Large (FNIII-B)									
ELISA	JP27767	96	2 h	0.2 - 12.5 ng/ml	44 pg/ml	-	100 µl	serum, plasma, ccs	TMB 450 nm
Tenascin-C Large (FNIII-C)									
ELISA	JP27751	96	2 h	0.38 - 24 ng/ml	0.1 ng/ml	-	100 µl	serum, plasma, ccs	TMB 450 nm
TNF-alpha human									
ELISA	DE4641	96	4 h 30 min	4.60 - 452 pg/ml	0.7 pg/ml	2	200 µl	serum	TMB 450 nm
VEGF human									
ELISA	JP27171	96	2 h	15.63 - 1,000 pg/ml	1 pg/ml	-	100 µl	plasma, ccs	TMB 450 nm
VEGF-C									
ELISA	JP27756	96	2 h	93.75 - 6,000 pg/ml	12 pg/ml	-	100 µl	plasma, ccs	TMB 450 nm
VEGFR-3/Flt-4									
ELISA	JP27779	96	1 h 30 min	30 - 2,000 pg/ml	4 pg/ml	-	100 µl	plasma, serum, ccs	TMB 450 nm

Infectious Disease

For the detection of human IgA, IgG and IgM antibodies against bacterial, viral, fungal and protozoal antigens, we offer a wide range of infectious disease ELISAs. Their results can identify an active disease, an immunestatus or even re-infections.

Method	Antibody class	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Final sample volume	Sample type	Substrate
Adenovirus									
ELISA	IgG	DEADVG0010	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	DEADVM0010	96	1 h 45 min	Cut-off	diagn. 90 %	100 µl	serum, plasma	TMB 450 nm
Ascaris lumbricoides									
ELISA	IgG	DEASCG0020	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
Aspergillus fumigatus									
ELISA	IgG	DEASPG0680	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	DEASPM0680	96	1 h 45 min	Cut-off	diagn. 90.91 %	100 µl	serum, plasma	TMB 450 nm
Bordetella pertussis									
ELISA	IgG	DEBOPG0030	96	1 h 45 min	Cut-off	diagn. 98.31 %	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	DEBOPM0030	96	1 h 45 min	Cut-off	diagn. 89.19 %	100 µl	serum, plasma	TMB 450 nm
Borrelia burgdorferi									
ELISA	IgG	DEBORG0040	96	1 h 45 min	Cut-off	diagn. 98.39 %	100 µl	serum, plasma, CSF	TMB 450 nm
ELISA	IgM	DEBORM0040	96	1 h 45 min	Cut-off	diagn. 92.45 %	100 µl	serum, plasma, CSF	TMB 450 nm
Brucella									
ELISA	IgG	DEBRUG0050	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	DEBRUM0050	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
Candida albicans									
ELISA	IgG	DECANG0060	96	1 h 45 min	Cut-off	diagn. 96.67 %	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	DECANM0060	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
Chagas (Trypanosoma cruzi)									
ELISA	IgG	DENO0114R	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
Chlamydia pneumoniae									
ELISA	IgA	CHLA0510	96	1 h 45 min	Cut-off	diagn. 91.89 %	100 µl	serum, plasma	TMB 450 nm
ELISA	IgG	CHLG0510	96	1 h 45 min	Cut-off	diagn. 91.67 %	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	CHLM0510	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
Chlamydia trachomatis									
ELISA	IgA	CHLA0070	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
ELISA	IgG	CHLG0070	96	1 h 45 min	Cut-off	diagn. 97.33 %	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	CHLM0070	96	1 h 45 min	Cut-off	diagn. 88.89 %	100 µl	serum, plasma	TMB 450 nm
Clostridium tetani toxin									
ELISA	IgG	DETETG0430	96	1 h 45 min	0.1 - 1 IU/ml	0.01 IU/ml	100 µl	serum, plasma	TMB 450 nm
Corynebacterium diphtheriae toxin									
ELISA	IgG	DECORG0090	96	1 h 45 min	0 - 0.15 IU/ml	0.00092 IU/ml	100 µl	serum, plasma	TMB 450 nm
Cytomegalovirus (CMV)									
ELISA	IgG	CMVG0110	96	1 h 45 min	Cut-off	diagn. 99.25 %	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	CMVM0110	96	1 h 45 min	Cut-off	diagn. 94.34 %	100 µl	serum, plasma	TMB 450 nm
Dengue Virus									
ELISA	IgG	DENG0120	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	DENM0120	96	1 h 45 min	Cut-off	diagn. 91.84 %	100 µl	serum, plasma	TMB 450 nm
Echinococcus									
ELISA	IgG	DEECHG0130	96	1 h 45 min	Cut-off	diagn. 97.22 %	100 µl	serum, plasma	TMB 450 nm
Entamoeba histolytica									
ELISA	IgG	DEENTG0140	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
Epstein-Barr Virus (EBNA-1)									
ELISA	IgG	DE4246	96	1 h 45 min	0.62 - 60 U/ml	0.62 U/ml	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	DE4247	96	1 h 45 min	0.69 - 60 U/ml	0.69 U/ml	100 µl	serum, plasma	TMB 450 nm

Infectious Disease

Method	Antibody class	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Final sample volume	Sample type	Substrate
Epstein-Barr Virus (VCA)									
ELISA	IgA	DEEBVA0150	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
ELISA	IgG	DEEBVG0150	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	DEEBVM0150	96	1 h 45 min	Cut-off	diagn. 94.59 %	100 µl	serum, plasma	TMB 450 nm
Helicobacter pylori									
ELISA	IgG	DEHELG0220	96	1 h 45 min	0 - 150 U/ml	1.39 U/ml	100 µl	serum, plasma	TMB 450 nm
Herpes simplex Virus 1 (HSV 1)									
ELISA	IgG	DEHSV1G0500	96	1 h 45 min	Cut-off	diagn. 99.52 %	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	DEHSV1M0500	96	1 h 45 min	Cut-off	diagn. 94.44 %	100 µl	serum, plasma	TMB 450 nm
Herpes simplex Virus 1+2 (HSV)									
ELISA	IgG	DEHSVG0250	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	DEHSVM0250	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
Herpes simplex Virus 2 (HSV 2)									
ELISA	IgG	DEHSV2G0540	96	1 h 45 min	Cut-off	diagn. 99.31 %	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	DEHSV2M0540	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
Influenza Virus A									
ELISA	IgG	DEINFG0290	96	1 h 45 min	Cut-off	diagn. 98.55 %	100 µl	serum, plasma	TMB 450 nm
Influenza Virus B									
ELISA	IgG	DEINFG0300	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
Legionella pneumophila									
ELISA	IgG	DELEGG0650	96	1 h 45 min	Cut-off	diagn. 90 %	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	DELEGM0650	96	1 h 45 min	Cut-off	diagn. 96 %	100 µl	serum, plasma	TMB 450 nm
Leishmania infantum									
ELISA	IgG	DEIG0310	96	1 h 45 min	Cut-off	diagn. 90.91 %	100 µl	serum, plasma	TMB 450 nm
Measles Virus									
ELISA	IgG	DEMEAG0330	96	1 h 45 min	Cut-off	diagn. 97.01 %	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	DEMEAM0330	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
Mumps Virus									
ELISA	IgG	DEMUMG0340	96	1 h 45 min	Cut-off	diagn. 93.55 %	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	DEMUMM0340	96	1 h 45 min	Cut-off	diagn. 97.68 %	100 µl	serum, plasma	TMB 450 nm
Mycoplasma pneumoniae									
ELISA	IgA	DEMYCA0350	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
ELISA	IgG	DEMYCG0350	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	DEMYCM0350	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
Respiratory Syncytial Virus									
ELISA	IgG	DERSVG0380	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
Rubella Virus									
ELISA	IgG	RUBG0400	96	1 h 45 min	10 - 100 IU/ml	0.45 IU/ml	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	RUBM0400	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
Schistosoma mansoni									
ELISA	IgG	DESCHG0410	96	1 h 45 min	Cut-off	diagn. 93.75 %	100 µl	serum, plasma	TMB 450 nm
Strongyloides									
ELISA	IgG/IgM	DESTRO0690	96	1 h 45 min	Cut-off	diagn. 89.47 %	100 µl	serum, plasma	TMB 450 nm
Taenia solium									
ELISA	IgG	DETAEG0420	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
TBE/FSME									
ELISA	IgG	DETICG0440	96	1 h 45 min	50 - 300 U/ml	1.78 U/ml	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	DETICM0440	96	1 h 45 min	Cut-off	diagn. 98.29 %	100 µl	serum, plasma	TMB 450 nm
Toxocara canis									
ELISA	IgG	DE0450	96	1 h 45 min	Cut-off	diagn. 96.92 %	100 µl	serum, plasma	TMB 450 nm
Toxoplasma gondii									
ELISA	IgA	TOXA0460	96	1 h 45 min	Cut-off	diagn. 91.7 %	100 µl	serum, plasma	TMB 450 nm
ELISA	IgG	TOXG0460	96	1 h 45 min	50 - 200 IU/ml	1.04 IU/ml	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	TOXM0460	96	1 h 45 min	Cut-off	diagn. 98.21 %	100 µl	serum, plasma	TMB 450 nm
Trichinella spiralis									
ELISA	IgG	DETRIG0480	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
Varicella-Zoster Virus (VZV)									
ELISA	IgG	DEVZVG0490	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	DEVZVM0490	96	1 h 45 min	Cut-off	diagn. 94.12 %	100 µl	serum, plasma	TMB 450 nm
Yersinia enterocolitica									
ELISA	IgA	DEYERA0990	96	1 h 45 min	Cut-off	diagn. 93.94 %	100 µl	serum, plasma	TMB 450 nm
ELISA	IgG	DEYERG0990	96	1 h 45 min	Cut-off	diagn. 95.65 %	100 µl	serum, plasma	TMB 450 nm



Food Analytics

Our Food Analytics test kits allow a high-sensitive detection of residues, constituents and microbiological contaminants in food and feed. They enable a reliable and economical detection of numerous analytes like: Mycotoxins, Allergens, Antibiotics, Vitamins and Histamine. So they are part of regular and routine food controls.

For more details please ask for our special brochure "Food Analytics".

Method	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Final sample volume	Sample type	Substrate
Aflatoxin B1								
ELISA	DEAB1E03	96	20 min	1.5 - 24 ppb	0.5 ppb	100 µl	cereals, beer/gyle	TMB 450 nm
Aflatoxin M1								
ELISA	DEAM1E01	96	2 h 20 min	10 - 1,000 pg/ml	< 10 pg/ml	100 µl	milk, milk products	TMB 450 nm
Aflatoxin total								
ELISA	DEAFTE01	96	45 min	0.05 - 1.5 ng/ml	0.015 ng/ml	100 µl	food	TMB 450 nm
Almond								
ELISA	DEALME01	96	1 h	0.4 - 10 ppm	0.06 ppm	100 µl	food	TMB 450 nm
beta-Lactoglobulin								
ELISA	DEBLGE01	96	1 h	10 - 400 ppb	1.5 ppb	100 µl	food	TMB 450 nm
Brazil nut								
ELISA	DEPARE01	96	1 h	1 - 40 ppm	0.2 ppm	100 µl	food	TMB 450 nm
Casein								
ELISA	DECASE01	96	1 h	0.2 - 6 ppm	0.03 ppm	100 µl	food	TMB 450 nm
Cashew								
ELISA	DECAWE01	96	1 h	2 - 60 ppm	0.2 ppm	100 µl	food	TMB 450 nm
Coconut								
ELISA	DECONE01	96	1 h	2 - 30 ppm	0.4 ppm	100 µl	food	TMB 450 nm
Crustaceans (Tropomyosin)								
ELISA	DECRUE01	96	1 h	20 - 400 ppb	0.9 ppb	100 µl	food	TMB 450 nm
Deoxynivalenol								
ELISA	DEDONE03	96	20 min	0.2 - 5 ppm	0.08 ppm	100 µl	cereals, beer/gyle	TMB 450 nm
Egg White								
ELISA	DEEGGE01	96	1 h	0.4 - 10 ppm	0.05 ppm	100 µl	food	TMB 450 nm
Fish (Parvalbumin)								
ELISA	DEFISE01	96	1 h	4 - 100 ppm	1.4 ppm	100 µl	food	TMB 450 nm
Folic Acid								
ELISA	DEFOLE01	96	2 h 20 min	4 - 400 ng/ml	2 ng/ml	100 µl	food	TMB 450 nm
Fumonisin								
ELISA	DEFUME03	96	20 min	0.05 - 5 ppm	0.015 ppm	100 µl	cereals, beer/gyle	TMB 450 nm
Gliadin/Gluten								
ELISA	DEGLUE02	96	1 h	2 - 60 ppm	0.3 ppm	100 µl	food	TMB 450 nm
Hazelnut								
ELISA	DEHAZE01	96	1 h	1 - 40 ppm	0.01 - 0.11 ppm	100 µl	food	TMB 450 nm
Histamine Food								
ELISA	DEE3100	96	55 min	0.5 - 50 ng/ml	LoD: 0.18 ng/ml	25 µl	fish, sausage, milk, wine, fish meal, champagne	TMB 450 nm
Lupine								
ELISA	DELUPE01	96	1 h	2 - 30 ppm	0.2 ppm	100 µl	food	TMB 450 nm
Lysozyme								
ELISA	DELYSE01	96	1 h	25 - 250 ppb	wine: 2 ppb; others: 10 ppb	100 µl	food	TMB 450 nm
Macadamia nut								
ELISA	DEMACE01	96	1 h	1 - 40 ppm	0.1 ppm	100 µl	food	TMB 450 nm
Milk								
ELISA	DEMILE01	96	1 h	0.4 - 10 ppm	0.05 ppm	100 µl	food	TMB 450 nm
Molluscs (Tropomyosin)								
ELISA	DEMOLE01	96	1 h	10 - 400 ppb	1.7 ppb	100 µl	food	TMB 450 nm
Mustard								
ELISA	DEMUSE01	96	1 h	2 - 60 ppm	1 ppm	100 µl	food	TMB 450 nm
Ochratoxin A								
ELISA	DEOTAE03	96	15 min	2 - 50 ppb	0.8 ppb	50 µl	cereals, beer/gyle, wine	TMB 450 nm
Ovalbumin								
ELISA	DEOVAE01	96	1 h	25 - 500 ppb	4 ppb	100 µl	food	TMB 450 nm
Peanut								
ELISA	DEPEAE01	96	1 h	1 - 40 ppm	0.1 ppm	100 µl	food	TMB 450 nm
Pecan nut								
ELISA	DEPECE01	96	1 h	2 - 60 ppm	0.2 ppm	100 µl	food	TMB 450 nm
Penicillin								
ELISA	DEPENE01	96	2 h 20 min	4 - 400 ng/ml	3 ng/ml	100 µl	shrimps, milk	TMB 450 nm
Pistachio								
ELISA	DEPISE01	96	1 h	1 - 40 ppm	0.13 ppm	100 µl	food	TMB 450 nm
Sesame								
ELISA	DESESE01	96	1 h	2 - 30 ppm	0.2 ppm	100 µl	food	TMB 450 nm
Soy								
ELISA	DESOJE01	96	1 h	40 - 1,000 ppb	16 ppb	100 µl	food	TMB 450 nm

Food Analytics

Method	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Final sample volume	Sample type	Substrate
T2 Toxin								
ELISA	DET2TE03	96	20 min	17.5 - 1,750 ppb	13 ppb	100 µl	food	TMB 450 nm
Tetracycline								
ELISA	DETCYE01	96	1 h 20 min	0.04 - 4 ng/ml	0.024 ng/ml	100 µl	food	TMB 450 nm
Total Soy Protein								
ELISA	DETSPE01	96	1 h	0 - 36 ppm	0.2 ppm	100 µl	food	TMB 450 nm
Vitamin B12								
ELISA	DEB12E01	96	1 h 20 min	0.4 - 40 ng/ml	0.3 ng/ml	50 µl	food	TMB 450 nm
Vitamin H (Biotin)								
ELISA	DEBIOE01	96	1 h 20 min	1 - 25 ng/ml	0.5 ng/ml	50 µl	food	pNpp 405 nm
Walnut								
ELISA	DEWALE01	96	1 h	2 - 60 ppm	0.35 ppm	100 µl	food	TMB 450 nm
Zearalenone								
ELISA	DEZEAE03	96	20 min	10 - 500 ppb	5 ppb	100 µl	cereals, beer/gyle	TMB 450 nm

Allergy & Food Intolerance

The Demeditec Food Intolerance Screening Tests offer a fast, sensitive and reliable detection of IgG4 antibodies to numerous food antigens in order to identify potential food intolerances. Each kit includes all reagents required for the performance of the tests. In addition to our standard formats we offer a unique concept. It allows the user to define an individual test profile by selecting food antigen layout, types and number from more than 400 available food antigens.



Fotos: S. Behringer, G.Häusler

Method	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Internal controls	Final sample volume	Sample type	Substrate
Total IgE									
ELISA	DEIGE02	96	45 min	5 - 1,000 IU/ml	0.8 IU/ml	-	10 µl	serum, plasma	TMB 450 nm
IgG4 Screen Nutritional 20									
ELISA	DE40496	96	2 h 30 min	0.35 - 17.5 U/ml	depending on allergen	-	100 µl	serum, plasma	pNpp 405 nm
IgG4 Screen Nutritional 88									
ELISA	DE40188	96	2 h 30 min	0.35 - 100 U/ml	depending on allergen	2	100 µl	serum, plasma	pNpp 405 nm

Diabetes

Method	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Internal controls	Final sample volume	Sample type	Isotope / Substrate
C-Peptide									
ELISA	CAN-C-P-4380	96	1 h 50 min	0.2 - 16 ng/ml	0.2 ng/ml	2	50 µl	serum	TMB 450 nm
IRMA	IT3639	100	2 h	30.5 - 6,000 pmol/l	0.011 ng/ml	2	50 µl	serum, plasma, urine	I-125
DPP4/CD26									
ELISA	JP27789	96	2 h	125 - 8,000 pg/ml	8.58 pg/ml	-	100 µl	serum, plasma, urine, CSF, ccs	TMB 450 nm
GADAb									
ELISA	GDE96	96	2 h 40 min	5 - 2,000 U/ml	0.57 U/ml	2	25 µl	serum	TMB 450 nm
GLP-1, active form									
ELISA	JP27784	96	2 h 30 min	1.25 - 80 pmol/l	0.1 pmol/l	-	100 µl	plasma	TMB 450 nm
Glucagon									
ELISA	CAN-GLN-390	96	1 h 45 min	11 - 352 pg/ml	-	2	100 µl	plasma	TMB 450 nm
IA-2 Ab									
ELISA	IAE/96/2	96	17 h 40 min	7.5 - 4,000 U/ml	1.25 U/ml	2	50 µl	serum	TMB 450 nm
Insulin									
ELISA	DE2935	96	1 h 15 min	6.25 - 100 µlU/ml	1.76 µlU/ml	-	25 µl	serum, plasma	TMB 450 nm
IRMA	IT3210	100	2 h	3.15 - 315 µlU/ml	0.5 µlU/ml	2	50 µl	serum, plasma	I-125
Insulin-like Growth Factor Binding Protein-1									
ELISA	CAN-IGF-4140	96	1 h 15 min	1 - 250 µg/l	0.5 µg/l	2	25 µl	serum	TMB 450 nm
Leptin									
ELISA	CAN-L-4260	96	1 h 45 min	1 - 100 ng/ml	0.5 ng/ml	2	20 µl	serum	TMB 450 nm
ELISA	JP27775	96	2 h	15.6 - 1,000 pg/ml	2 pg/ml	-	100 µl	serum, plasma, ccs	TMB 450 nm
ZnT8 Ab									
ELISA	ZNT8/96	96	17 h 40 min	10 - 2,000 U/ml	1.2 U/ml	3	25 µl	serum	TMB 450 nm

Reproduction / Down-Syndrome



You can find a wide range of immunoassays for the determination of androgenic and gynaecological hormone levels in serum, plasma or in urine samples in the following table. Hormones are substances produced in particular organs (glands) and transported to their site of action by the blood stream. In combination with the nervous system, hormones control metabolic processes in the entire body.

The steroid hormones are a special group of hormones that play an important role in many essential physiological processes, such as sex differentiation, fertility, pregnancy, mineral metabolism, energy metabolism and others.

New

EndomKIT ELISA (780001)

As many disorders and diseases are caused or accompanied by too high or too low hormone levels, their determination is an important tool in the clinical laboratories.

Method	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Internal controls	Final sample volume	Sample type	Isotope / Substrate
17beta-Estradiol									
ELISA	CAN-E-430	96	1 h 30 min	25 - 4,000 pg/ml	8.4 pg/ml	2	50 µl	serum	TMB 450 nm
17-OH-Progesterone									
ELISA	DEH3322	96	1 h 30 min	0.1 - 25 ng/ml	0.022 ng/ml	2	25 µl	serum, plasma	TMB 450 nm
ELISA	CAN-P-400	96	1 h 20 min	0.15 - 20 ng/ml	0.051 ng/ml	2	25 µl	serum	TMB 450 nm
RIA	IT1452	100	2 h	0.12 - 47 ng/ml	0.04 ng/ml	2	25 µl	serum, plasma	I-125
5a-Androstane-3a, 17beta Diol Glucuronide									
ELISA	CAN-DG-460	96	45 min	0.25 - 50 ng/ml	0.1 ng/ml	2	50 µl	serum	TMB 450 nm
Active Androstanediol Glucuronide									
RIA	DSL9200	100	3 h	0 - 100 ng/ml	0.07 ng/ml	2	100 µl	serum	I-125
Active Androstenedione									
RIA	DSL3800	100	1 h	0 - 10 ng/ml	0.05 ng/ml	2	50 µl	serum, plasma	I-125
Active Dihydrotestosterone									
RIA	DSL9600i	100	2 h	0 - 2,500 pg/ml	9.14 pg/ml	2	100 µl	serum, plasma	I-125
Active Free Testosterone									
RIA	DSL4900	100	1 h	0 - 100 pg/ml	0.13 pg/ml	2	50 µl	serum	I-125
AFP									
IRMA	IM1441	100	45 min	3 - 400 IU/ml	0.11 IU/ml	2	50 µl	serum, amniotic fluid	I-125
AMH									
ELISA	DE6141	96	1 h 15 min	0.4 - 20 ng/ml	0.044 ng/ml	2	25 µl	serum, plasma	TMB 450 nm
ELISA	A79765	96	2 h 30 min	0.14 - 22 ng/ml	0.08 ng/ml	2	60 µl	serum, plasma	TMB 450 nm
Androstenedione									
ELISA	CAN-AD-208	96	1 h 20 min	0.1 - 10 ng/ml	0.04 ng/ml	2	25 µl	serum	TMB 450 nm
beta-hCG free									
IRMA	IT2459	100	1 h 30 min	0.32 - 200 ng/ml	0.05 ng/ml	2	100 µl	serum, plasma	I-125
Chorionic Gonadotropin (hCG)									
ELISA	CAN-HCG-4120	96	1 h 15 min	2.5 - 500 IU/l	0.7 IU/l	2	25 µl	serum	TMB 450 nm
DHEA									
RIA	DE8900	100	1 h	0.34 - 45 ng/ml	0.25 ng/ml	2	25 µl	serum, plasma	I-125
ELISA	CAN-DH-490	96	1 h 50 min	0.2 - 40 ng/ml	0.092 ng/ml	2	25 µl	serum	TMB 450 nm
ELISA	DEH3344	96	1 h 30 min	0.3 - 30 ng/ml	0.082 ng/ml	2	25 µl	serum, plasma	TMB 450 nm
DHEA-S									
ELISA	CAN-DHS-480	96	1 h 5 min	0.005 - 10 µg/ml	0.005 µg/ml	2	25 µl	serum	TMB 450 nm
RIA	IT0729	100	30 min	6 - 1,000 µg/100 ml	6 µg/100 ml	1	25 µl	serum, plasma	I-125
Dihydrotestosterone (DHT)									
ELISA	CAN-DHT-280	96	2 h	25 - 2,500 pg/ml	17 pg/ml	2	50 µl	serum	TMB 450 nm
EndomKIT									
ELISA	780001	48	1 h 55 min	BDNF: 1-10 ng/ml; CA125: 1-10 U/ml	BDNF: 1.05 ng/ml; CA125: 1.35 U/ml	2	100 µl	serum	TMB 450 nm
Estradiol									
RIA	A21854	100	3 h	9.5 - 4,104 pg/ml	10.41 pg/ml	1	100 µl	serum, plasma	I-125
ELISA	DE4399	96	2 h 30 min	10 - 400 pg/ml	5.583 pg/ml	2	50 µl	serum, plasma	TMB 450 nm
Estrone									
ELISA	CAN-E-420	96	1 h 20 min	20 - 2,000 pg/ml	14.8 pg/ml	2	50 µl	serum	TMB 450 nm
RIA	DSL8700	100	1 h	0 - 2,000 pg/ml	10 pg/ml	2	50 µl	serum, plasma	I-125
Estrone Sulfate									
RIA	DSL5400	100	3 h 10 min	0 - 80 ng/ml	0.01 ng/ml	2	100 µl	serum, plasma	I-125
Free Estriol									
ELISA	CAN-E-620	96	1 h 20 min	0.05 - 30 ng/ml	s: 0.058 ng/ml; saliva: 0.034 ng/ml	2	serum: 10 µl; saliva: 20 µl	serum, saliva	TMB 450 nm

Reproduction / Down-Syndrome

Method	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Internal controls	Final sample volume	Sample type	Isotope / Substrate
FSH									
ELISA	CAN-FSH-4060	96	1 h 20 min	5 - 100 IU/l	1 IU/l	2	25 µl	serum	TMB 450 nm
IRMA	IT2125	100	1 h 30 min	0.55 - 180 IU/l	0.17 IU/l	2	100 µl	serum, plasma	I-125
hPL									
ELISA	DE1283	96	40 min	1.25 - 20 mg/l	0.043 mg/l	2	10 µl	serum	TMB 450 nm
Inhibin A									
ELISA	DE10-28100	96	4 h 15 min	9.5 - 1,001 pg/ml	1 pg/ml	2	50 µl	serum, plasma	TMB 450 nm
ELISA	DE10-28100-4	4 x 96	4 h 15 min	9.5 - 1,001 pg/ml	1 pg/ml	2	50 µl	serum, plasma	TMB 450 nm
Inhibin B Gen II									
ELISA	A81303	96	3 h 30 min	10 - 966 pg/ml	2.6 pg/ml	2	50 µl	serum, plasma	TMB 450 nm
LH									
ELISA	CAN-LH-4040	96	1 h 20 min	1 - 100 IU/l	0.2 IU/l	2	25 µl	serum	TMB 450 nm
IRMA	IT1381	100	1 h 30 min	0.5 - 180 IU/l	0.16 IU/l	1	100 µl	serum, plasma	I-125
Pregnenolone									
ELISA	CAN-PRE-4500	96	1 h 15 min	0.1 - 25.6 ng/ml	0.05 ng/ml	2	50 µl	serum	TMB 450 nm
Progesterone									
ELISA	CAN-P-305	96	1 h 20 min	0.3 - 60 ng/ml	0.1 ng/ml	2	25 µl	serum	TMB 450 nm
RIA	IT1188	100	1 h	0.09 - 65 ng/ml	0.03 ng/ml	1	50 µl	serum, plasma	I-125
Prolactin									
ELISA	CAN-PRL-4100	96	1 h 15 min	20 - 3,200 µIU/ml	10 µIU/ml	2	25 µl	serum	TMB 450 nm
IRMA	IT2121	100	1 h	1.8 - 168 ng/ml	0.5 ng/ml	2	50 µl	serum, plasma	I-125
SHBG									
ELISA	CAN-SHBG-4010	96	1 h	3.3 - 295 nmol/l	0.1 nmol/l	2	20 µl	serum	TMB 450 nm
IRMA	IT3532	100	2 h	3 - 300 nmol/l	0.2 nmol/l	2	20 µl	serum	I-125
Testosterone									
ELISA	CAN-TE-250	96	1 h 15 min	0.1 - 20 ng/ml	0.022 ng/ml	2	50 µl	serum	TMB 450 nm
Testosterone direct									
RIA	IT1119	100	3 h	0.12 - 21 ng/ml	0.025 ng/ml	1	50 µl	serum, plasma	I-125
Testosterone free									
ELISA	DE2924	96	1 h 15 min	0.2 - 100 pg/ml	0.04 pg/ml	2	20 µl	serum, plasma	TMB 450 nm
Total Estrogens									
ELISA	CAN-E-630	96	3 h	25 - 2,500 pg/ml	12.4 pg/ml	2	50 µl	serum	TMB 450 nm
Ultra-Sensitive Estradiol									
RIA	DSL4800	100	3 h 15 min	0 - 750 pg/ml	2.2 pg/ml	2	200 µl	serum, plasma	I-125



Nephrology

Nephrology concerns the diagnosis and treatment of kidney diseases, including electrolyte disturbances and hypertension, and the care of those requiring renal replacement therapy, including dialysis and renal transplant patients. Many diseases affecting the kidney are systemic disorders not limited to the organ itself, and may require special treatment.

Method	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Internal controls	Final sample volume	Sample type	Isotope / Substrate
ACTH									
IRMA	IT2030	100	2 h	9.5 - 1,425 pg/ml	1.2 pg/ml	1	300 µl	plasma	I-125
Aldosterone									
ELISA	CAN-ALD-500	96	1 h 20 min	15 - 1,000 pg/ml	9.1 pg/ml	2	50 µl	serum, plasma, urine	TMB 450 nm
RIA	DE8600	100	3 h	30 - 1,700 pg/ml	7.64 pg/ml	2	100 µl	serum, plasma, urine	I-125
RIA	DERCW100	96	18 - 24 h or 3 h	23.8 - 1,408 pg/ml	1.4 pg/ml	1	200 µl	serum, urine	I-125
RIA	IT1664	100	3 h	28.5 - 2,150 pg/ml	14.8 pg/ml	1	50 µl	serum, plasma, urine	I-125
Cortisol									
ELISA	DEH3388	96	1 h 30 min	10 - 800 ng/ml	0.38 ng/ml	2	10 µl	serum, plasma	TMB 450 nm
ELISA	CAN-C-270	96	1 h	0.4 - 40 µg/dl	0.298 µg/dl	2	20 µl	serum	TMB 450 nm
RIA	IT1841	100	1 h	21 - 2,360 nmol/l	5 nmol/l	1	50 µl	serum, plasma, urine	I-125
RIA	RK-240CT	100	2 h	40 - 1,600 nmol/l	2.9 nmol/l	1	10 µl	serum	I-125
Cortisol sensitive									
RIA	C23117	100	1 h	0 - 2,000 nM	4.23 nM	1	50 µl/300 µl	serum, plasma, urine, saliva	I-125
Gd-IgA1 (Galactose-deficient IgA1)									
ELISA	JP27600	96	2 h	1.56 - 100 ng/ml	0.488 ng/ml	-	50 µl	serum, plasma	TMB 450 nm

Bone Metabolism



Bone has well recognized mechanical functions: it provides rigidity and shape, protection and support for body structures, and aids locomotion. Contrary to popular belief, bone is in fact a highly dynamic structure undergoing constant remodelling. It is continuously characterized by resorption and adsorption as a part of bone metabolism. Bone metabolism includes the activity of several hormones, e. g. Parathyroid hormone (PTH) and Vitamin D. Therefore determination of these analytes is valuable for monitoring bone metabolism in a professional way.

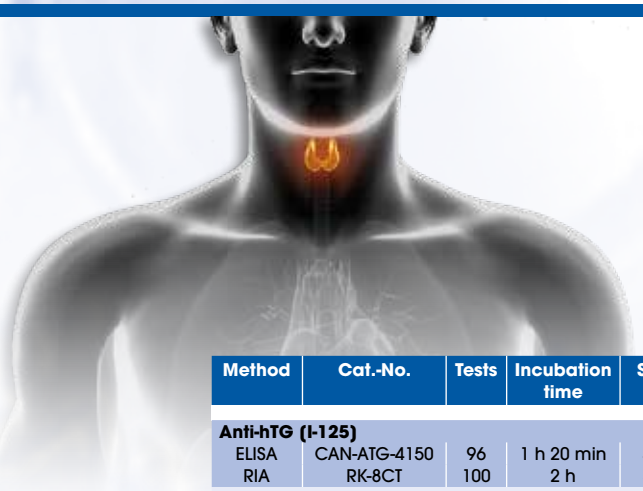
Method	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Internal controls	Final sample volume	Sample type	Isotope / Substrate
25-OH Vitamin D total									
ELISA	DE1971	96	2 h 45 min	3.45 - 120 ng/ml	2.81 ng/ml	2	50 µl	serum	TMB 450 nm
ELISA	CAN-VD-510	96	1 h 45 min	10 - 160 ng/ml	5.5 ng/ml	2	25 µl	serum, plasma	TMB 450 nm
RIA	DER1971	96	3 h	7.26 - 104 ng/ml	1.9 ng/ml	2	25 µl	serum	I-125
Calcitonin human (I-125)									
IRMA	RK-83CT	100	18 - 24 h	9.5 - 2,020 pg/ml	0.5 pg/ml	2	100 µl	serum	I-125
Ostase									
IRMA	A44176	100	18 - 20 h	0 - 120 µg/l	1.75 µg/l	2	100 µl	serum	I-125
Osteopontin human									
ELISA	JP27158	96	2 h	5 - 320 ng/ml	3.33 ng/ml	-	100 µl	urine, plasma,ccs	TMB 450 nm
Osteopontin N-half human									
ELISA	JP27258	96	2 h	6.25 - 400 pmol/l	3 pmol/l	-	100 µl	urine, plasma, ccs, synovial fluid	TMB 450 nm
PTH intact									
ELISA	DE3645	96	3 h 30 min	14.2 - 1,094 pg/ml	0.2 pg/ml	2	25 µl	serum	TMB 450 nm
IRMA	A11930	100	2 h 45 min	20 - 2,575 pg/ml	4.89 pg/ml	2	200 µl	serum, plasma	I-125
IRMA	B89461	50	2 h 45 min	0 - 2,500 pg/ml	4.89 pg/ml	2	200 µl	serum, plasma	I-125

Tumor Marker

A tumor marker is a substance found in the blood, urine, or body tissues that can be elevated in cancer, among other tissue types. There are many different tumor markers, each indicative of a particular disease process, and they are used in oncology to help detect the presence of cancer. An elevated level of a tumor marker can indicate cancer; however, there can also be other causes of the elevation. Tumor markers can be produced directly by the tumor or by non-tumor cells as a response to the presence of a tumor. Determination of tumor marker levels by serum testing are useful for: diagnosis of cancer, prognosis cancerous tumors progression, indicating of metastases, detection of residual disease (after surgery), assessment of cancers treatment.

Method	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Internal controls	Final sample volume	Sample type	Isotope / Substrate
alpha-subunit									
IRMA	IT1186	100	1 h	0.28 - 9.5 IU/l	0.02 IU/l	1	100 µl	serum, plasma	I-125
beta-2-Microglobulin									
RIA	IT1113	100	1 h 30 min	0.33 - 28.5 mg/l	0.1 mg/l	1	50 µl	serum, plasma, urine	I-125
CA125									
IRMA	IT2233	100	4 h	15 - 500 U/ml	0.69 U/ml	1	100 µl	serum, plasma	I-125
CA15-3									
IRMA	IT2397	100	3 h	16 - 301 U/ml	0.15 U/ml	1	200 µl	serum, plasma	I-125
CA19-9									
IRMA	IT3151	100	3 h	17 - 480 U/ml	2 U/ml	1	50 µl	serum, plasma	I-125
CA72-4 (I-125)									
IRMA	RK-724CT	100	2 h overnight	2.4 - 100 U/ml	1.94 U/ml	2	100 µl	serum	I-125
CEA									
IRMA	IT2204	100	2 h	1 - 340 ng/ml	0.2 ng/ml	2	30 µl	serum	I-125
Chromogranin A									
ELISA	DEE9000	96	2 h 25 min	30 - 900 µg/l	1.4 µg/l	2	50 µl	serum	TMB 450 nm
PSA free									
ELISA	CAN-FPSA-4400	96	1 h 15 min	0.1 - 15 ng/ml	-	-	50 µl	serum	TMB 450 nm
IRMA	IT2520	50	2 h	0.3 - 30 ng/ml	0.02 ng/ml	2	200 µl	serum, plasma	I-125
PSA total									
ELISA	CAN-TPSA-4300	96	1 h 45 min	0.5 - 100 ng/ml	-	2	25 µl	serum	TMB 450 nm
IRMA	IT1950	100	2 h	1 - 100 ng/ml	0.1 ng/ml	2	100 µl	serum	I-125
Thymidine Kinase									
REA	IT1948	50	4 h	2.5 - 80 U/l	0.74 U/l	1	25 µl	serum, plasma	I-125

Thyroid



This chapter contains various products for the laboratory investigation of thyroid diseases. These products are available in ELISA and RIA technology and include products for the quantitative measurement of free and total thyroid hormones and high sensitive TSH assays. Also we are offering test kits for the measurement of antibodies directed against TSH receptors of the thyroid gland.

Method	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Internal controls	Final sample volume	Sample type	Isotope / Substrate
Anti-hTG (I-125)									
ELISA	CAN-ATG-4150	96	1 h 20 min	40 - 2,000 IU/ml	2.061 IU/ml	2	100 µl	serum	TMB 450 nm
RIA	RK-8CT	100	2 h	30 - 3,000 IU/ml	8.29 IU/ml	2	100 µl	serum	I-125
Anti-hTPO (I-125)									
ELISA	CAN-ATP-4160	96	1 h 20 min	10 - 1,000 IU/ml	0.819 IU/ml	2	100 µl	serum	TMB 450 nm
RIA	RK-36CT	100	2 h	15 - 1,900 IU/ml	7.26 IU/ml	2	10 µl	serum	I-125
FT3									
ELISA	CAN-FT3-4230	96	1 h 15 min	2 - 40 pg/ml	0.3 pg/ml	2	25 µl	serum	TMB 450 nm
RIA	IM1579	100	2 h	2.1 - 44 pM	0.5 pM	1	100 µl	serum, plasma	I-125
RIA	IM3320	400	2 h	2.1 - 44 pM	0.5 pM	1	100 µl	serum, plasma	I-125
FT4									
ELISA	CAN-FT4-4340	96	1 h 15 min	2 - 80 pg/ml	1 pg/ml	2	25 µl	serum	TMB 450 nm
RIA	IM1363	100	1 h	2.6 - 83 pM	0.4 pM	1	25 µl	serum, plasma	I-125
RIA	IM3321	400	1 h	2.6 - 83 pM	0.4 pM	1	25 µl	serum, plasma	I-125
FT4 Plus									
RIA	C55856	100	1 h	0.94 - 75 pM	0.94 pM	2	25 µl	serum, plasma	I-125
RIA	C55857	400	1 h	0.94 - 75 pM	0.94 pM	2	25 µl	serum, plasma	I-125
hTG (I-125)									
IRMA	RK-51CT	100	16 - 24 h	0.3 - 250 ng/ml	0.022 ng/ml	2	100 µl	serum	I-125
Reverse T3 (rT3)									
ELISA	CAN-RT3-100	96	1 h 50 min	0.02 - 2 ng/ml	0.014 ng/ml	2	25 µl	serum, plasma	TMB 450 nm
T3 total									
ELISA	CAN-T3-4220	96	1 h 15 min	0.3 - 10 ng/ml	0.153 ng/ml	2	50 µl	serum	TMB 450 nm
RIA	IT1699	100	1 h	0.83 - 13.2 nmol/l	0.26 nmol/l	2	25 µl	serum, plasma	I-125
T4 total									
ELISA	CAN-T4-4240	96	50 min	1 - 32 µg%	0.6 µg%	2	20 µl	serum	TMB 450 nm
RIA	IT1447	100	1 h	25 - 400 nmol/l	10.63 nmol/l	2	20 µl	serum, plasma	I-125
TRAb									
ELISA	TRE/96/2A	96	3 h	1 - 40 U/l	0.55 U/l	2	75 µl	serum	TMB 450 nm
RRA	A54464	100	3 h	1 - 40 IU/l	0.33 IU/l	2	100 µl	serum	I-125
TSH									
ELISA	CAN-TSH-4080	96	1 h 45 min	0.2 - 30 µIU/ml	0.1 µIU/ml	2	50 µl	serum	TMB 450 nm
IRMA	IM3712	100	1 h	0.15 - 50 mIU/l	0.04 mIU/l	2	100 µl	serum, plasma	I-125
IRMA	IM3713	400	1 h	0.15 - 50 mIU/l	0.04 mIU/l	2	100 µl	serum, plasma	I-125



Cardiovascular Disease

Cardiovascular diseases (CVDs) are the leading cause of death globally, taking an estimated 17.9 million lives each year. CVDs are a group of disorders of the heart and blood vessels and include coronary heart disease, cerebrovascular disease, rheumatic heart disease and other conditions.

Method	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Internal controls	Final sample volume	Sample type	Isotope / Substrate
Active Renin									
IRMA	DSL25100	100	3 h	0 - 500 pg/ml	0.81 pg/ml	2	200 µl	plasma	I-125
Angiotensin I									
RIA	IT3518	100	3 h	0.29 - 28.5 ng/ml	0.07 ng/ml	1	75 µl	plasma	I-125
Angiotensinogen total human									
ELISA	JP27412	96	2 h	0.31 - 20 ng/ml	0.03 ng/ml	-	100 µl	serum, plasma, urine, ccs	TMB 450 nm
Plasma Renin Activity (PRA)									
ELISA	CAN-RA-4600	192	1 h 45 min	0.2 - 60 ng/ml	0.166 ng/ml	2	50 µl	plasma	TMB 450 nm
Renin									
ELISA	DE5125	96	3 h 15 min	4 - 128 pg/ml	4.308 pg/ml	2	50 µl	serum, plasma	TMB 450 nm

Others

Method	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Internal controls	Final sample volume	Sample type	Isotope / Substrate
ApoB-100 human									
ELISA	JP27181	96	2 h	0.13 - 8.4 µg/ml	0.03 µg/ml	-	100 µl	serum, plasma, ccs	TMB 450 nm
Biotin (Vitamin H)									
ELISA	K8141	96	1 h 15 min	48.1 - 1,100 ng/l	32.4 ng/l	2	50 µl	serum, plasma, urine, milk	TMB 450 nm
Calprotectin									
ELISA	DE849	96	2 h	28.6 - 2,645.9 µg/ml	2,5 ng/ml	3	50 µl	stool	TMB 450 nm
cAMP									
ELISA	CAN-AMP-4170	96	1 h 20 min	1.5 - 100 pmol/ml	-	2	100 µl	plasma	TMB 450 nm
ELISA	CAN-AMP-4180	96	1 h 20 min	3 - 300 pmol/ml	-	2	100 µl	urine	TMB 450 nm
Corticosterone									
ELISA	DE4164	96	1 h 15 min	5 - 240 nmol/l	< 1.63 nmol/l	2	20 µl	serum, plasma	TMB 450 nm
Diamine oxidase (DAO)									
ELISA	K8500	96	4 h 20 min	0.37 - 10 U/ml	0.130 U/ml	2	100 µl	serum, dried blood spots	TMB 450 nm
EPO (Erythropoietin)									
ELISA	DE3646	96	2 h 30 min	10.7 - 469 mIU/ml	1.1 mIU/ml	2	200 µl	serum	TMB 450 nm
Ferritin									
ELISA	CAN-F-4280	96	45 min	10 - 800 ng/ml	0.44 ng/ml	2	20 µl	serum	TMB 450 nm
IRMA	IT3492	100	1 h	4.4 - 1,000 ng/ml	1 ng/ml	2	20 µl	serum, plasma	I-125
High Sensitivity C-Reactive Protein (hs-CRP)									
ELISA	CAN-CRP-4360	96	1 h	100 - 10,000 ng/ml	10 ng/ml	2	20 µl	serum	TMB 450 nm
Human Titin N-Fragment									
ELISA	JP27902	96	overnight, 1.5 h	46.88 – 3,000 pmol/l	18.03 pmol/l	-	100 µl	serum	TMB 450 nm
ELISA	JP27900	96	2 h	46.88 – 3,000 pmol/l	27.91 pmol/l	-	100 µl	urine	TMB 450 nm
Neopterin									
ELISA	RE59321	96	1 h 40 min	1.35 - 111 nmol/l	0.65 nmol/l	2	20 µl	serum, plasma, urine	TMB 450 nm
Protein C									
ELISA	DE10901	96	1 h 30 min	12.5 - 150 %	6 %	2	100 µl	plasma	TMB 450 nm
Protein S									
ELISA	DE10902	96	1 h 30 min	12.5 - 150 %	1 %	2	100 µl	plasma	TMB 450 nm
Resistin									
ELISA	CAN-RSN-4000	96	1 h 45 min	2 - 20 ng/ml	0.004 ng/ml	2	50 µl	serum	TMB 450 nm
secreted alpha-Klotho human									
ELISA	JP27901	96	> 12 h	70.31 - 4,500 pg/ml	9.87 pg/ml	-	100 µl	serum, plasma, cerebrospinal fluids	TMB 450 nm
soluble alpha-Klotho human									
ELISA	JP27998	96	2 h 30 min	93.75 - 6,000 pg/ml	6.15 pg/ml	-	100 µl	serum, plasma	TMB 450 nm
Vasoactive Intestinal Polypeptide (VIP)									
ELISA	CAN-VIP-380	96	2 h 30 min	25 - 800 pg/ml	-	2	75 µl	plasma	TMB 450 nm

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List of abbreviations

Abbreviation	Explanation
Ab	antibody
AD	Adrenaline
Ag	antigen
BALF	bronchoalveolar lavage fluid
BCE	Bone Collagen Equivalents
biol.	biological
cc	cell culture
ccm	cell culture medium
CSF	cerebrospinal fluid
ccs	cell culture supernatant
diagn.	diagnostic
DOP	Dopamine
MRM	Multiple Reaction Monitoring
I-125	Iodine-125
MT	Metanephrine
NAD	Noradrenaline
neg.	negative
NMP	n-methyl-2-pyrrolidone
NMT	Normetanephrine
p	plasma
PFP	platelet free plasma
plat.	platelets
PLP	Pyridoxal-5-phosphate
pNpp	para-Nitrophenylphosphate
pos.	positive
s	serum
TMB	3,3', 5,5'-Tetramethylbenzidine
TPP	Thiaminepyrophosphate
u	urine
wb	whole blood

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