

# Product Catalogue

2024

*Your partner in...*

veterinary  
saliva  
endocrinology  
infectious disease  
food analytics

*...diagnostics*





# tec

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 product 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



Find an overview about our Veterinary ELISAs at one glance on our special leaflet.

## New

**CRP canine ELISA (DE1024)**  
**Haptoglobin canine & feline ELISA (DE1033)**

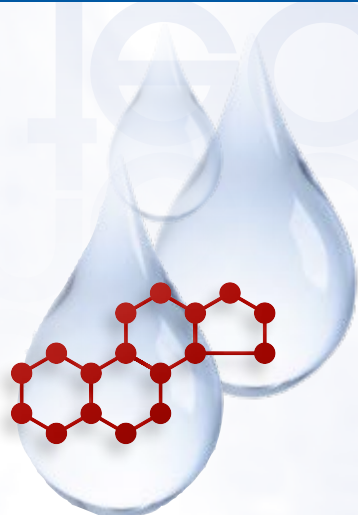
This product group contains a wide range of immunoassays for the determination of various parameters for veterinary diagnostics and research. Our portfolio includes immunoassays for analytes of different animals. Here we offer many species-specific test kits of which some are unique worldwide. These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

Method	Applicable Species	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Final sample volume	Sample type	Substrate
<b>Amyloid beta (1-40) rat/mouse</b> ELISA	rat, mouse	JP27720	96	overnight + 1 h 30 min	1.56 – 100 pg/ml	0.28 pg/ml	100 µl	serum, plasma, brain extract, ccs	TMB 450 nm
<b>Amyloid beta (1-42) mouse/rat</b> ELISA	rat, mouse	JP27721	96	overnight + 1 h 30 min	1.56 – 100 pg/ml	0.05 pg/ml	100 µl	serum, plasma	TMB 450 nm
<b>Anaplasma vet</b> ELISA	canine, other mammals	DEANAVT0850	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
<b>Angiotensin-like 3 mouse</b> ELISA	mouse	JP27410	96	2 h	0.31 – 20 ng/ml	0.04 ng/ml	100 µl	serum, plasma, ccs	TMB 450 nm
<b>Babesia vet</b> ELISA	various	DEBABVT0890	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
<b>Borrelia vet</b> ELISA	canine, other mammals	DEBORVT0040	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
<b>Brucella vet</b> ELISA	bovine, porcine	DEBRUVT0050	96	1 h 45 min	Cut-off	-	100 µl	serum, milk	TMB 450 nm
<b>Canine Distemper Virus (CDV)</b> ELISA	canine	DEMEAVT0330	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
<b>Canine Parvovirus (CPV)</b> ELISA	canine	DEPARVT0370	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
<b>CCL8 / MCP-2 mouse</b> ELISA	mouse	JP27773	96	2 h	78 – 5,000 pg/ml	50 pg/ml	100 µl	serum, plasma	TMB 450 nm
<b>Corticosterone rat/mouse</b> 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
<b>Coxiella Phase 1 vet</b> ELISA	various	DECOX1VT0600	96	1 h 45 min	Cut-off	-	100 µl	serum, milk	TMB 450 nm
<b>Coxiella Phase 2 vet</b> ELISA	various	DECOX2VT0600	96	1 h 45 min	Cut-off	-	100 µl	serum, milk	TMB 450 nm
<b>Coxiella vet</b> ELISA	bovine, other mammals	DECOXVT0600	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
<b>CRP canine</b> ELISA	dogs	DE1024	96	1 h 50 min	48 – 500 ng/ml	29.8 ng/ml	20 µl	serum, plasma, cc	TMB 450 nm
<b>Dirofilaria Antigen vet</b> ELISA	various	DEDIRVT4760	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
<b>DMP1 rat</b> ELISA	rat	JP27363	96	2 h	39.06 – 2,500 pg/ml	4.04 pg/ml	100 µl	serum, plasma, ccs	TMB 450 nm
<b>Echinococcus vet</b> ELISA	various	DEECHVT0130	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
<b>Ehrlichia vet</b> ELISA	canine, other mammals	DEEHRVT0930	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
<b>Endothelin-1 (Big) rat</b> 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

Method	Applicable Species	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Final sample volume	Sample type	Substrate
<b>Estradiol rat</b>									
ELISA	rat	DEV9999	96	3 h 30 min	5 – 1,280 pg/ml	2.5 pg/ml	75 µl	serum	TMB 450 nm
<b>Estrone-3-Sulfate equine</b>									
ELISA	equine	DEV9933	96	2 h	5 – 1,000 ng/ml	0.424 ng/ml	20 µl	serum	TMB 450 nm
<b>Feline Corona Virus (FCoV/FIP)</b>									
ELISA	feline	DEFIPVT0870	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
<b>Feline Immunodeficiency Virus (FIV)</b>									
ELISA	feline	DEFIVVT0750	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
<b>Feline Leukemia Virus (FeLV) Antigen</b>									
ELISA	feline	DEFELVT4800	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
<b>Giardia Antigen vet</b>									
ELISA	various	DEGIAVT4160	96	1 h 45 min	Cut-off	-	100 µl	stool	TMB 450 nm
<b>GRO/CINC-1 rat</b>									
ELISA	rat	JP27162	96	2 h	4.69 – 300 pg/ml	0.35 pg/ml	100 µl	serum, plasma, ccs	TMB 450 nm
<b>GRO/CINC-3 rat</b>									
ELISA	rat	JP27163	96	2 h	4.69 – 300 pg/ml	0.51 pg/ml	100 µl	serum, plasma, ccs	TMB 450 nm
<b>GRO/KC mouse</b>									
ELISA	mouse	JP27137	96	2 h	23.44 – 1,500 pg/ml	1.27 pg/ml	100 µl	serum, plasma, ccs	TMB 450 nm
<b>Haptoglobin canine &amp; feline</b>									
ELISA	canine, feline	DE1033	96	1 h 45 min	125 – 2,000 ng/ml	22.9 ng/ml	20 µl	serum	TMB 450 nm
<b>IGF-1 mouse/rat</b>									
ELISA	rat, mouse	DEE025	96	2 h	0.5 – 18 ng/ml	0.315 ng/ml	50 µl	serum, plasma	TMB 450 nm
<b>Insulin rat</b>									
ELISA	rat	DEV8811	96	2 h 30 min	0.156 – 10 ng/ml	0.1 ng/ml	20 µl	serum, plasma	TMB 450 nm
<b>Interleukin-1beta rat</b>									
ELISA	rat	JP27193	96	1 d 1 h overnight	11.7 – 750 pg/ml	1.67 pg/ml	100 µl	serum, plasma, ccs	TMB 450 nm
<b>Interleukin-6 mouse</b>									
ELISA	mouse	JP27768	96	1 h 45 min	10.94 – 700 pg/ml	1.07 pg/ml	100 µl	serum, plasma, ccs	TMB 450 nm
<b>Leishmania vet</b>									
ELISA	canine, other mammals	DE0310	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
<b>Leptin mouse</b>									
ELISA	mouse	JP27160	96	2 h	12.5 – 800 pg/ml	0.86 pg/ml	100 µl	serum, plasma, ccs	TMB 450 nm
<b>Leptin rat</b>									
ELISA	rat	JP27295	96	2 h	56.25 – 3,600 pg/ml	10.8 pg/ml	100 µl	serum, plasma, ccs	TMB 450 nm
<b>Leptospira IgM vet</b>									
ELISA	various	DELEPVM0660	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
<b>Leptospira vet</b>									
ELISA	canine, other mammals	DELEPVT0660	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
<b>LRG mouse</b>									
ELISA	mouse	JP27785	96	2 h	0.25 – 16 ng/ml	0.06 ng/ml	100 µl	serum, plasma, ccs	TMB 450 nm
<b>MCP-1 rat</b>									
ELISA	rat	JP17176	96	2 h	50 – 3,200 pg/ml	40 pg/ml	100 µl	serum, urine, ccs	TMB 450 nm
<b>N-ERC/Mesothelin rat</b>									
ELISA	rat	JP27765	96	2 h	0.08 – 5 ng/ml	10 pg/ml	100 µl	serum, plasma, ccs	TMB 450 nm
<b>Osteopontin mouse</b>									
ELISA	mouse	JP27351	96	2 h	1 – 64 ng/ml	0.15 ng/ml	100 µl	urine, plasma, ccs	TMB 450 nm
<b>Osteopontin N-half mouse</b>									
ELISA	mouse	JP27259	96	2 h	25 – 1,600 pmol/l	5.63 pmol/l	100 µl	urine, plasma, ccs	TMB 450 nm
<b>Osteopontin rat</b>									
ELISA	rat	JP27360	96	2 h	0.07 – 4.75 ng/ml	0.01 ng/ml	100 µl	urine, plasma, ccs	TMB 450 nm
<b>Pasteurella multocida Toxin Antibody vet</b>									
ELISA	various	DEPASVT0960	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
<b>PMSG</b>									
ELISA	equine	DE1298	96	2 h 30 min	25 – 800 mIU/ml	-	50 µl	serum	TMB 450 nm
<b>Progesterone rat/mouse</b>									
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
<b>Riemerella vet</b>									
ELISA	turkey, other avian species	DERIEMVT0880	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
<b>TBE/FSME IgM vet</b>									
ELISA	various	DETICVM0440	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
<b>TBE/FSME vet</b>									
ELISA	various	DETICVT0440	96	1 h 45 min	50 – 300 U/ml	-	100 µl	serum	TMB 450 nm
<b>Testosterone rat/mouse</b>									
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
<b>TNF-alpha rat</b>									
ELISA	rat	JP27194	96	21 h	56 – 3,600 pg/ml	10 pg/ml	100 µl	ccs	TMB 450 nm
<b>Toxocara vet</b>									
ELISA	various	DETOCVT0450	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
<b>Toxoplasma IgM vet</b>									
ELISA	feline	DETOXVM0460	96	1 h 45 min	Cut-off	-	100 µl	serum	TMB 450 nm
<b>Toxoplasma vet</b>									
ELISA	canine, feline	DETOXVT0460	96	1 h 45 min	50 – 200 U/ml	-	100 µl	serum	TMB 450 nm
<b>TSH canine</b>									
ELISA	canine	DEV9955	96	2 h 30 min	0.2 – 5.2 ng/ml	0.00002 ng/ml	100 µl	serum, plasma	TMB 450 nm
<b>TSH rat</b>									
ELISA	rat	DEV9977	96	18 - 20 h	2.5 – 80 ng/ml	0.081 ng/ml	25 µl	serum	TMB 450 nm
<b>VEGF mouse</b>									
ELISA	mouse	JP27102	96	2 h	62.5 – 4,000 pg/ml	11 pg/ml	100 µl	plasma, serum, ccs	TMB 450 nm
<b>VEGF rat</b>									
ELISA	rat	JP27101	96	2 h	31.25 - 2,000 pg/ml	5.44 pg/ml	100 µl	plasma, ccs	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

**Direct Saliva Melatonin ELISA (EK-DSM)**  
**Melatonin ELISA (MLTN-96)**

Method	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Internal controls	Fine sample volume	Sample type	Substrate
<b>17-OH-Progesterone free in Saliva</b>									
ELISA	DESLV3140	96	1 h 15 min	10 - 1,000 pg/ml	2.5 pg/ml	2	25 µl	saliva	TMB 450 nm
<b>Androstenedione free in Saliva</b>									
ELISA	DESLV4780	96	1 h 15 min	20 - 1,000 pg/ml	5 pg/ml	2	50 µl	saliva	TMB 450 nm
<b>Cortisol free in Saliva</b>									
ELISA	DES6611	96	1 h 30 min	0.1 - 30 ng/ml	0.019 ng/ml	2	50 µl	saliva	TMB 450 nm
<b>DHEA free in Saliva</b>									
ELISA	DES6666	96	1 h 30 min	10 - 2,560 pg/ml	6.4 pg/ml	2	100 µl	saliva	TMB 450 nm
<b>Direct Saliva Melatonin</b>									
ELISA	EK-DSM	96	20 h 30 min - 24 h 30 min	0.48 - 20 pg/ml	0.5 pg/ml	2	100 µl	saliva	TMB 450 nm
<b>Estradiol free in Saliva</b>									
ELISA	DESLV4188	96	3 h	1 - 100 pg/ml	0.72 pg/ml	2	100 µl	saliva	TMB 450 nm
<b>Melatonin</b>									
ELISA	MLTN-96	96	17 h 30 min - 25 h 30 min	0.56 - 40 pg/ml	-	2	100 µl	saliva, serum, plasma, other biol. fluids	TMB 450 nm
<b>Progesterone free in Saliva HS</b>									
ELISA	DESLV5911	96	1 h 15 min	10 - 2,400 pg/ml	1.1 pg/ml	2	100 µl	saliva	TMB 450 nm
<b>Testosterone free in Saliva</b>									
ELISA	DES6622	96	1 h 30 min	10 - 1,000 pg/ml	6.1 pg/ml	2	100 µl	saliva	TMB 450 nm

## 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. In this product group, please take special attention to our ELISA for the novel and promising prognostic biomarker Secretoneurin.

### New

**Secretoneurin ELISA (100-01)**



Novelty available: Secretoneurin ELISA - for more information ask for our Secretoneurin brochure

Method	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Internal controls	Final sample volume	Sample type	Isotope / Substrate
<b>Active Renin</b>									
IRMA	DSL25100	100	3 h	0 - 500 pg/ml	0.81 pg/ml	2	200 µl	plasma	I-125
<b>Angiotensin I</b>									
RIA	IT3518	100	3 h	0.29 - 28.5 ng/ml	0.07 ng/ml	1	75 µl	plasma	I-125
<b>Angiotensinogen total</b>									
ELISA	JP27412	96	2 h	0.31 - 20 ng/ml	0.03 ng/ml	-	100 µl	serum, plasma, urine, ccs	TMB 450 nm
<b>Plasma Renin Activity (PRA)</b>									
ELISA	DEMSE5600	96	1 h 40 min	0.2 - 60 ng/ml	0.14 ng/ml	2	50 µl	plasma	TMB 450 nm
<b>Renin</b>									
ELISA	DE5125	96	3 h 15 min	4 - 128 pg/ml	4.308 pg/ml	2	50 µl	serum, plasma	TMB 450 nm
<b>Secretoneurin</b>									
ELISA	100-01	96	2 h 10 min	10 - 250 pmol/L	5.1 pmol/L	2	100 µl	serum, plasma	TMB 450 nm

## Biogenic Amines

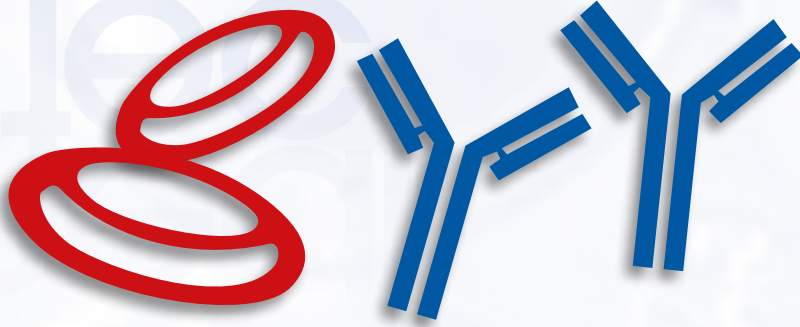


Naturally occurring biogenic amines in plants, animals and humans play a crucial role as tissue hormones or neurotransmitters. There are five established biogenic amine neurotransmitters: the three catecholamines – dopamine, norepinephrine (noradrenaline), and epinephrine (adrenaline) – and histamine 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	Isotope / Substrate
<b>2-CAT</b>									
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
<b>3-CAT</b>									
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
<b>5-HIAA</b>									
ELISA	DEE1900	96	2 h 20 min	0.5 – 50 mg/l	0.17 mg/l	2	25 µl	urine	TMB 450 nm
<b>Adrenaline</b>									
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
<b>Dopamine</b>									
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
<b>Glutamate</b>									
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
<b>Histamine</b>									
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, urine, whole blood, biol. samples	TMB 450 nm
ELISA	IM2562	96	2 h 30 min	0 – 100 nM	0.52 nM	1	100 µl	urine, plasma, urine, whole blood, biol. samples	pNpp 405 nm
<b>Metanephrine</b>									
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
<b>Nephrines</b>									
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
<b>Noradrenaline Research</b>									
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
<b>Normetanephrine</b>									
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
<b>Serotonin</b>									
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.

## New

### 21-OH Ab ELISA (21E/96)

### Acetylcholine Receptor Autoantibody ELISA (ACE/96)

Method	Antibody class	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Internal controls	Final sample volume	Sample type	Substrate
<b>21-OH Ab</b>										
ELISA		21E/96	96	17 h 40 min	0.3 – 100 U/ml	0.13 U/ml	2	50 µl	serum	TMB 450 nm
<b>Acetylcholine Receptor Autoantibody</b>										
ELISA		ACE/96	96	23 h	0.5 – 20 nmol/l	0.25 nmol/l	3	100 µl	serum	TMB 450 nm
<b>AMA-M2</b>										
ELISA		DE7000	96	1 h 5 min	12.5 – 200 IU/ml	1 IU/ml	2	100 µl	serum, plasma	TMB 450 nm
<b>ANA Hep Screen</b>										
ELISA		DE7020	96	1 h 5 min	Cut-off	diagn. 98.9 %	-	100 µl	serum, plasma	TMB 450 nm
<b>ANA Profile</b>										
ELISA		DE7010	96	1 h 5 min	Cut-off	diagn. 95.5 %	1	100 µl	serum, plasma	TMB 450 nm
<b>ANA Screen</b>										
ELISA		DE7030	96	1 h 5 min	Cut-off	diagn. 96.4 %	1	100 µl	serum, plasma	TMB 450 nm
<b>ANCA Screen</b>										
ELISA		DE7050	96	1 h 5 min	Cut-off	diagn. 95.1 %	-	100 µl	serum, plasma	TMB 450 nm
<b>ANCA-C (PR3)</b>										
ELISA		DE7060	96	1 h 5 min	5 – 100 U/ml	0.5 U/ml	2	100 µl	serum, plasma	TMB 450 nm
<b>ANCA-P (MPO)</b>										
ELISA		DE7080	96	1 h 5 min	5 – 100 U/ml	0.5 U/ml	2	100 µl	serum, plasma	TMB 450 nm
<b>Annexin V Ab</b>										
ELISA	IgG/IgM	DE7100	96	1 h 5 min	6.3 – 100 U/ml	1 U/ml	3	100 µl	serum, plasma	TMB 450 nm
<b>Anti-Ovarian Ab</b>										
ELISA		DE2937	96	2 h 30 min	6 – 100 U/ml	-	1	50 µl	serum	TMB 450 nm
<b>Anti-Spermatozoa Antibody (ASA)</b>										
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
<b>ASCA</b>										
ELISA	IgG/IgA	DE7240	96	1 h 5 min	6.3 – 100 U/ml	0.5 U/ml	2	100 µl	serum, plasma	TMB 450 nm
<b>beta2-Glycoprotein I Ab</b>										
ELISA	IgA	DE7250	96	1 h 5 min	6.3 – 100 U/ml	0.5 U/ml	2	100 µl	serum, plasma	TMB 450 nm
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
ELISA	IgA/IgG/IgM	DE7270	96	1 h 5 min	3.3 – 90 U/ml	0.5 U/ml	-	100 µl	serum, plasma	TMB 450 nm
<b>C1q Ab</b>										
ELISA		DE7280	96	1 h 5 min	6.3 – 100 U/ml	0.5 U/ml	2	100 µl	serum, plasma	TMB 450 nm
<b>Cardiolipin Ab</b>										
ELISA	IgA	DE7290	96	1 h 5 min	7.5 – 120 U/ml	1 U/ml	2	100 µl	serum, plasma	TMB 450 nm
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
ELISA	IgA/IgG/IgM	DE7310	96	1 h 5 min	3.3 – 90 U/ml	1 U/ml	-	100 µl	serum, plasma	TMB 450 nm
<b>CCP Ab</b>										
ELISA		DE7760	96	1 h 5 min	20 - 1,000 U/ml	1 U/ml	2	100 µl	serum, plasma	TMB 450 nm
<b>DGP Ab</b>										
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
<b>ds-DNA Ab</b>										
ELISA	IgG	DE7360	96	1 h 5 min	12.5 – 200 IU/ml	1 IU/ml	2	100 µl	serum, plasma	TMB 450 nm
ELISA	IgA/IgG/IgM	DE7370	96	1 h 5 min	12.5 – 200 IU/ml	1 U/ml	2	100 µl	serum, plasma	TMB 450 nm
<b>ENA Combi</b>										
ELISA		DE7390	96	1 h 5 min	12.5 – 100 U/ml	1 U/ml	-	100 µl	serum, plasma	TMB 450 nm
<b>ENA Screen</b>										
ELISA		DE7420	96	1 h 5 min	Cut-off	diagn. 92.7 %	-	100 µl	serum, plasma	TMB 450 nm
<b>ENA-6 Profile</b>										
ELISA		DE7410	96	1 h 5 min	Cut-off	diagn. 86.4 %	2	100 µl	serum, plasma	TMB 450 nm
<b>GBM Ab</b>										
ELISA		DE7130	96	1 h 5 min	20 – 200 U/ml	1 U/ml	2	100 µl	serum, plasma	TMB 450 nm



## Autoimmunity

Method	Antibody class	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Internal controls	Final sample volume	Sample type	Substrate
<b>Insulin Ab</b>										
ELISA		DE7430	96	1 h 5 min	6.3 – 100 U/ml	0.5 U/ml	2	100 µl	serum, plasma	TMB 450 nm
<b>Intrinsic Factor Ab</b>										
ELISA		DE7140	96	1 h 5 min	6.3 – 100 U/ml	0.5 U/ml	2	100 µl	serum, plasma	TMB 450 nm
<b>Jo-1 Ab</b>										
ELISA		DE7440	96	1 h 5 min	12.5 – 200 U/ml	1 U/ml	2	100 µl	serum, plasma	TMB 450 nm
<b>Parietal Cell Ab</b>										
ELISA		DE7450	96	1 h 5 min	6.3 – 100 U/ml	0.5 U/ml	2	100 µl	serum, plasma	TMB 450 nm
<b>Phosphatidyl Inositol Ab</b>										
ELISA	IgG/IgM	DE7200	96	1 h 5 min	6.3 – 100 U/ml	0.5 U/ml	2	100 µl	serum, plasma	TMB 450 nm
<b>Phospholipid Screen</b>										
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
<b>Rheumatoid Factor</b>										
ELISA	IgA	DE7630	96	1 h 5 min	15 – 500 U/ml	1 U/ml	2	100 µl	serum, plasma	TMB 450 nm
ELISA	IgG	DE7640	96	1 h 5 min	15 – 500 U/ml	1 U/ml	2	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	DE7650	96	1 h 5 min	15 – 500 U/ml	1 U/ml	2	100 µl	serum, plasma	TMB 450 nm
ELISA	IgA/IgG/IgM	DE7660	96	1 h 5 min	15 – 500 U/ml	1 U/ml	2	100 µl	serum, plasma	TMB 450 nm
<b>RNP 70 Ab</b>										
ELISA		DE7490	96	1 h 5 min	12.5 – 200 U/ml	1 U/ml	2	100 µl	serum, plasma	TMB 450 nm
<b>RNP/Sm Ab</b>										
ELISA		DE7500	96	1 h 5 min	12.5 – 200 U/ml	1 U/ml	2	100 µl	serum, plasma	TMB 450 nm
<b>Scl-70 Ab</b>										
ELISA		DE7510	96	1 h 5 min	12.5 – 200 U/ml	1 U/ml	2	100 µl	serum, plasma	TMB 450 nm
<b>Sm Ab</b>										
ELISA		DE7520	96	1 h 5 min	12.5 – 200 U/ml	1 U/ml	2	100 µl	serum, plasma	TMB 450 nm
<b>SS-A Ab</b>										
ELISA		DE7550	96	1 h 5 min	12.5 – 200 U/ml	1 U/ml	2	100 µl	serum, plasma	TMB 450 nm
<b>SS-B Ab</b>										
ELISA		DE7560	96	1 h 5 min	12.5 – 200 U/ml	1 U/ml	2	100 µl	serum, plasma	TMB 450 nm
<b>ss-DNA Ab</b>										
ELISA		DE7570	96	1 h 5 min	12.5 – 200 U/ml	1 U/ml	2	100 µl	serum, plasma	TMB 450 nm
<b>Tissue Transglutaminase Ab</b>										
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

## 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. Osteocalcin, 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
<b>25-OH Vitamin D total</b>									
ELISA	DE1971	96	2 h 45 min	3.45 – 120 ng/ml	2.81 ng/ml	2	50 µl	serum	TMB 450 nm
RIA	DER1971	96	3 h	6.78– 96.1 ng/ml	1.9 ng/ml	2	25 µl	serum	I-125
<b>Active PTHrP</b>									
IRMA	DE8100	100	16 – 22 h	24 – 2,300 pg/ml	8.5 pg/ml	2	200 µl	plasma	I-125
<b>Calcitonin</b>									
IRMA	DE16100	100	18 – 24 h	9.5 – 2,050 pg/ml	0.5 pg/ml	2	100 µl	serum	I-125
<b>Calcitonin ultra sensitive</b>									
ELISA	DEKAP0421	96	18 h 30 min	7.5 – 573 pg/ml	1.3 pg/ml	2	100 µl	serum, plasma	TMB 450 nm
<b>Ostase</b>									
IRMA	A44176	100	18 – 20 h	0 – 120 µg/l	1.75 µg/l	2	100 µl	serum	I-125
<b>Osteopontin human</b>									
ELISA	JP27158	96	2 h	5 – 320 ng/ml	3.33 ng/ml	-	100 µl	urine, plasma, ccs	TMB 450 nm
<b>Osteopontin N-half human</b>									
ELISA	JP27258	96	2 h	6.25 – 400 pmol/l	3 pmol/l	-	100 µl	urine, plasma, ccs, synovial fluid	TMB 450 nm
<b>PTH intact</b>									
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

# 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
<b>alpha2, 6-Sialyltransferase</b>									
ELISA	JP27762	96	2 h	1 - 70 ng/ml	0.2 ng/ml	-	100 µl	serum, plasma, ccs	TMB 450 nm
<b>alpha-Synuclein human</b>									
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
<b>Amyloid beta (1-38) high sensitive</b>									
ELISA	JP27717	96	overnight + 1 h 30 min	9.38 - 600 pg/ml	1.28 pg/ml	-	100 µl	CSF, ccs	TMB 450 nm
<b>Amyloid beta (1-42) high sensitive</b>									
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
<b>Amyloid beta (1-43) (FL)</b>									
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
<b>Amyloid beta (1-x)</b>									
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
<b>Amyloid beta (N3pE-40)</b>									
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
<b>Amyloid beta (n3pE-42)</b>									
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
<b>Amyloid beta (x-40)</b>									
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
<b>Amyloid beta (x-42)</b>									
ELISA	JP27711	96	overnight + 1 h 30 min	12.5 - 800 pg/ml	4.03 pg/ml	-	100 µl	CSF, ccs, brain tissue extract	TMB 450 nm
<b>Amyloid-beta (1-40) High Sensitive</b>									
ELISA	JP27718	96	overnight + 1 h 30 min	1.56 - 100 pg/ml	1 pg/ml	-	100 µl	serum, plasma, CSF, ccs, brain tissue extract	TMB 450 nm
<b>Angiotensin-like 3</b>									
ELISA	JP27750	96	2 h	0.47 - 30 ng/ml	0.08 ng/ml	-	100 µl	serum, plasma, ccs	TMB 450 nm
<b>Angiotensin-like 4</b>									
ELISA	JP27749	96	2 h	23.44 - 1,500 pg/ml	17 pg/ml	-	100 µl	serum, plasma, ccs	TMB 450 nm
<b>ANGPTL2</b>									
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
<b>APP beta CTF</b>									
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
<b>APP770</b>									
ELISA	JP27736	96	overnight + 30 min	0.1 - 6.2 ng/ml	0.03 ng/ml	-	100 µl	plasma, CSF, ccs, brain extract, cell culture lysate	TMB 450 nm
<b>BACE 1</b>									
ELISA	JP27752	96	2 h	1.56 - 100 ng/ml	0.16 ng/ml	-	100 µl	cell culture lysate	TMB 450 nm
<b>c-Met</b>									
ELISA	JP27407	96	2 h	0.78 - 50 ng/ml	0.26 ng/ml	-	100 µl	serum, plasma, ccs	TMB 450 nm
<b>COX-2</b>									
ELISA	JP27186	96	2 h	2.15 - 275 ng/ml	2 ng/ml	-	100 µl	lysate of cell pellet	TMB 450 nm
<b>Endothelial Lipase (EL)</b>									
ELISA	JP27182	96	overnight + 1 h	31.3 - 2,000 pg/ml	5.7 pg/ml	-	100 µl	serum, plasma, ccs	TMB 450 nm
<b>Endothelin-1</b>									
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
<b>FGF19</b>									
ELISA	JP27996	96	overnight + 1 h	23.4 - 1,500 pg/ml	7.2 pg/ml	-	100 µl	plasma, ccs	TMB 450 nm

Method	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Internal controls	Final sample volume	Sample type	Substrate
<b>FGF21</b>									
ELISA	JP27997	96	overnight + 1h	31.3 – 2,000 pg/ml	29.4 pg/ml	-	100 µl	serum, plasma, ccs	TMB 450 nm
<b>Galectin-3</b>									
ELISA	JP27755	96	2 h	117 – 7,500 pg/ml	44 pg/ml	-	100 µl	lysates of cell cultures, clinical specimens	TMB 450 nm
<b>G-CSF</b>									
ELISA	JP27131	96	1 d 3 h	1.95 – 500 pg/ml	1.23 pg/ml	-	100 µl	serum, plasma, ccs	TMB 450 nm
<b>GIP Active form</b>									
ELISA	JP27201	96	2 h 30 min	1.6 – 100 pg/ml	1.2 pg/ml	-	100 µl	plasma	TMB 450 nm
<b>GIP Total</b>									
ELISA	JP27203	96	2 h 30 min	1.88 – 120 pmol/l	0.82 pmol/l	-	100 µl	plasma, ccs	TMB 450 nm
<b>GLP-1 inactive form</b>									
ELISA	JP27788	96	2 h 30 min	1.25 – 80 pmol/l	0.36 pmol/l	-	100 µl	plasma, ccs	TMB 450 nm
<b>hAPL1 beta28</b>									
ELISA	JP27739	96	overnight + 1h	46.88 – 3,000 pg/ml	3.18 pg/ml	-	100 µl	CSF, ccs	TMB 450 nm
<b>HB-EGF</b>									
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
<b>Human Amyloid beta Oligomers (82E1-specific)</b>									
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
<b>Human Big Endothelin-1</b>									
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
<b>Human GRO beta</b>									
ELISA	JP27142	96	1 d 1 h	19.53 – 2,500 pg/ml	2.93 pg/ml	-	100 µl	serum, ccs	TMB 450 nm
<b>Human Total HGF</b>									
ELISA	JP27402	96	2 h	78 – 5,000 pg/ml	11 pg/ml	-	100 µl	serum, plasma, ccs	TMB 450 nm
<b>IFN-gamma</b>									
ELISA	DE4434	96	2 h 15 min	0.51 – 21.2 IU/ml	0.03 IU/ml	2	50 µl	serum, plasma	TMB 450 nm
<b>Intelectin-1/Omentin-1</b>									
ELISA	JP27361	96	2 h	0.31 – 20 ng/ml	0.23 ng/ml	-	100 µl	serum, plasma, ccs	TMB 450 nm
<b>Interleukin-10</b>									
ELISA	DE4699	96	4 h 30 min	13.3 – 1,925 pg/ml	1.6 pg/ml	2	100 µl	serum	TMB 450 nm
<b>Interleukin-1beta</b>									
ELISA	DE4437	96	2 h 15 min	15.8 – 589 pg/ml	0.35 pg/ml	2	200 µl	serum, plasma	TMB 450 nm
<b>Interleukin-6</b>									
ELISA	DE4640	96	2 h 15 min	19.5 – 2,369 pg/ml	2 pg/ml	2	100 µl	serum	TMB 450 nm
<b>Interleukin-8</b>									
ELISA	DE4700	96	2 h 30 min	36.6 – 1,635 pg/ml	1.1 pg/ml	2	100 µl	plasma	TMB 450 nm
<b>LRG</b>									
ELISA	JP27769	96	21 h	195.31 – 12,500 pg/ml	170 pg/ml	-	100 µl	serum, plasma, urine, CSF	TMB 450 nm
<b>Mac2BP</b>									
ELISA	JP27362	96	2 h	0.78 – 100 ng/ml	0.08 ng/ml	-	20 µl	serum, plasma, ccs	TMB 450 nm
<b>Napsin A</b>									
ELISA	JP27758	96	1 d 1 h	3.91 – 250 ng/ml	2.92 ng/ml	-	100 µl	serum, ccs, urine	TMB 450 nm
<b>N-ERC/Mesothelin</b>									
ELISA	JP27190	96	2 h	0.07 – 4.4 ng/ml	0.017 ng/ml	-	100 µl	plasma	TMB 450 nm
<b>PMN Elastase</b>									
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
<b>sAPP alpha (highly sensitive)</b>									
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
<b>sAPP beta-Swedish Type</b>									
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
<b>sAPP beta-w (highly sensitive)</b>									
ELISA	JP27732	96	1 d 1 h	0.78 – 50 ng/ml	0.05 ng/ml	-	100 µl	plasma, CSF, ccs	TMB 450 nm
<b>sAPP total</b>									
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
<b>SCF</b>									
ELISA	JP27141	96	2 h	50 – 3,200 pg/ml	7 pg/ml	-	100 µl	ccs	TMB 450 nm
<b>soluble (Pro)renin Receptor</b>									
ELISA	JP27782	96	overnight + 1 h	125 – 8,000 pg/ml	24 pg/ml	-	100 µl	serum, plasma, urine, ccs	TMB 450 nm
<b>Syndecan-4</b>									
ELISA	JP27188	96	2 h	20 – 1,280 pg/ml	3.94 pg/ml	-	100 µl	serum, plasma, ccs	TMB 450 nm
<b>Tenascin-C Large (FNIII-B)</b>									
ELISA	JP27767	96	2 h	0.2 – 12.5 ng/ml	44 pg/ml	-	100 µl	serum, plasma, ccs	TMB 450 nm
<b>Tenascin-C Large (FNIII-C)</b>									
ELISA	JP27751	96	2 h	0.38 – 24 ng/ml	0.1 ng/ml	-	100 µl	serum, plasma, ccs	TMB 450 nm
<b>Thioredoxin</b>									
ELISA	JP27417	96	2 h	3.9 – 250 ng/ml	0.43 ng/ml	-	100 µl	serum, plasma, ccs, urine	TMB 450 nm
<b>TNF-alpha</b>									
ELISA	DE4641	96	4 h 15 min	5.35 – 530 pg/ml	0.7 pg/ml	2	200 µl	serum	TMB 450 nm
<b>VEGF</b>									
ELISA	JP27171	96	2 h	15.63 – 1,000 pg/ml	1 pg/ml	-	100 µl	plasma, ccs	TMB 450 nm
<b>VEGF-C</b>									
ELISA	JP27756	96	2 h	93.75 – 6,000 pg/ml	12 pg/ml	-	100 µl	plasma, ccs	TMB 450 nm
<b>VEGFR-3/Flt-4</b>									
ELISA	JP27779	96	1 h 30 min	30 – 2,000 pg/ml	4 pg/ml	-	100 µl	plasma, 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.

## New

**Yersinia enterocolitica IgG ELISA (DEYERG0990)**  
**Yersinia enterocolitica IgA ELISA (DEYERA0990)**

Method	Antibody class	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Final sample volume	Sample type	Substrate
<b>Adenovirus</b>									
ELISA	IgG	DEADV0010	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	DEADV0010	96	1 h 45 min	Cut-off	diagn. 90 %	100 µl	serum, plasma	TMB 450 nm
<b>Ascaris lumbricoides</b>									
ELISA	IgG	DEASCG0020	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
<b>Aspergillus fumigatus</b>									
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
<b>Bordetella pertussis</b>									
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
<b>Borrelia burgdorferi</b>									
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
<b>Brucella</b>									
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
<b>Candida albicans</b>									
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
<b>Chagas (Trypanosoma cruzi)</b>									
ELISA	IgG	DENO0114	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
<b>Chlamydia pneumoniae</b>									
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
<b>Chlamydia trachomatis</b>									
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
<b>Clostridium tetani toxin</b>									
ELISA	IgG	DETTG0430	96	1 h 45 min	0.1 – 1 IU/ml	0.01 IU/ml	100 µl	serum, plasma	TMB 450 nm
<b>Corynebacterium diphtheriae toxin</b>									
ELISA	IgG	DECORG0090	96	1 h 45 min	0 – 0.15 IU/ml	0.00092 IU/ml	100 µl	serum, plasma	TMB 450 nm
<b>COVID-19 (SARS-CoV-2)</b>									
ELISA	IgG	DECOV1901	96	1 h 45 min	Cut-off	diagn. 100 % (>12 days)	100 µl	serum, plasma	TMB 450 nm
ELISA	IgA	DECOV1902	96	1 h 45 min	Cut-off	diagn. 100 % (>12 days)	100 µl	serum, plasma	TMB 450 nm
<b>COVID-19 (SARS-CoV-2) quantitative</b>									
ELISA	IgG	DECOV1901Q	96	1 h 30 min	43 – 690 IU/ml	LoD: 3.6 AU/ml	100 µl	serum, plasma	TMB 450 nm
<b>Coxiella burnetii (Q-Fever) Phase 1</b>									
ELISA	IgG	DECOX1G0600	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
<b>Coxiella burnetii (Q-Fever) Phase 2</b>									
ELISA	IgG	DECOX2G0600	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
<b>Cytomegalovirus (CMV)</b>									
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
<b>Dengue Virus</b>									
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
<b>Echinococcus</b>									
ELISA	IgG	DEECHG0130	96	1 h 45 min	Cut-off	diagn. 97.22 %	100 µl	serum, plasma	TMB 450 nm
<b>Entamoeba histolytica</b>									
ELISA	IgG	DEENTG0140	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
<b>Epstein-Barr Virus (EBNA-1)</b>									
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

Method	Antibody class	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Final sample volume	Sample type	Substrate
<b>Epstein-Barr Virus (VCA)</b>									
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
<b>Giardia lamblia</b>									
ELISA		DE610001	96	1 h 40 min	Cut-off	-	50 µl	stool	TMB 450 nm
<b>Helicobacter pylori</b>									
ELISA	IgG	DEHELG0220	96	1 h 45 min	0 – 150 U/ml	1.39 U/ml	100 µl	serum, plasma	TMB 450 nm
<b>Herpes simplex Virus 1 (HSV 1)</b>									
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
<b>Herpes simplex Virus 1+2 (HSV)</b>									
ELISA	IgG	DEHSV2G0250	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	DEHSV2M0250	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
<b>Herpes simplex Virus 2 (HSV 2)</b>									
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
<b>Influenza Virus A</b>									
ELISA	IgG	DEINFG0290	96	1 h 45 min	Cut-off	diagn. 98.55 %	100 µl	serum, plasma	TMB 450 nm
<b>Influenza Virus B</b>									
ELISA	IgG	DEINFG0300	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
<b>Legionella pneumophila</b>									
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
<b>Leishmania infantum</b>									
ELISA	IgG	DEIG0310	96	1 h 45 min	Cut-off	diagn. 90.91 %	100 µl	serum, plasma	TMB 450 nm
<b>Measles Virus</b>									
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
<b>Mumps Virus</b>									
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
<b>Mycoplasma pneumoniae</b>									
ELISA	IgG	DEMYCG0350	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
ELISA	IgA	DEMYCA0350	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
<b>Parvovirus B19</b>									
ELISA	IgG	DE3503	96	1 h 45 min	Cut-off	0.59 DU/ml	100 µl	serum	TMB 450 nm
ELISA	IgM	DE3504	96	1 h 45 min	Cut-off	0.63 DU/ml	100 µl	serum, plasma	TMB 450 nm
<b>Respiratory Syncytial Virus</b>									
ELISA	IgG	DERSVG0380	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
<b>Rubella Virus</b>									
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
<b>Schistosoma mansoni</b>									
ELISA	IgG	DESCHG0410	96	1 h 45 min	Cut-off	diagn. 93.75 %	100 µl	serum, plasma	TMB 450 nm
<b>Strongyloides</b>									
ELISA	IgG/IgM	DESTRO0690	96	1 h 45 min	Cut-off	diagn. 89.47 %	100 µl	serum, plasma	TMB 450 nm
<b>Taenia solium</b>									
ELISA	IgG	DETAEG0420	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
<b>TBE/FSME</b>									
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
<b>Toxocara canis</b>									
ELISA	IgG	DE0450	96	1 h 45 min	Cut-off	diagn. 96.92 %	100 µl	serum, plasma	TMB 450 nm
<b>Toxoplasma gondii</b>									
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	Cut-off	diagn. 100 %	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
<b>Treponema pallidum (Syphilis)</b>									
ELISA	IgG	DE3517	96	1 h 45 min	Cut-off	0.69 U/ml	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	DE4267	96	1 h 45 min	Cut-off	0.491 DU	100 µl	serum, plasma	TMB 450 nm
<b>Trichinella spiralis</b>									
ELISA	IgG	DETRIG0480	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
<b>Varicella-Zoster Virus (VZV)</b>									
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
<b>Yersinia enterocolitica</b>									
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
<b>Aflatoxin B1</b>								
ELISA	DEAB1E03	96	20 min	1.5 – 24 ppb	0.5 ppb	100 µl	cereals, beer/gyle	TMB 450 nm
<b>Aflatoxin M1</b>								
ELISA	DEAM1E01	96	2 h 20 min	10 – 1,000 pg/ml	< 10 pg/ml	100 µl	milk, milk products	TMB 450 nm
<b>Aflatoxin total</b>								
ELISA	DEAFTE01	96	45 min	0.05 – 1.5 ng/ml	0.015 ng/ml	100 µl	food	TMB 450 nm
<b>Almond</b>								
ELISA	DEALME01	96	1 h	0.4 – 10 ppm	0.00 – 0.09 ppm	100 µl	food	TMB 450 nm
<b>beta-Lactoglobulin</b>								
ELISA	DEBLGE01	96	1 h	10 – 400 ppb	1.5 ppb	100 µl	food	TMB 450 nm
<b>Brazil nut</b>								
ELISA	DEPARE01	96	1 h	1 – 40 ppm	0.2 ppm	100 µl	food	TMB 450 nm
<b>Casein</b>								
ELISA	DECASE01	96	1 h	0.2 – 6 ppm	0.00 – 0.03 ppm	100 µl	food	TMB 450 nm
<b>Cashew</b>								
ELISA	DECAWE01	96	1 h	2 – 60 ppm	0.2 ppm	100 µl	food	TMB 450 nm
<b>Chloramphenicol</b>								
ELISA	DECAPE02	96	1 h	0.05 – 5 ng/ml	0.03 ng/ml	100 µl	food, human urine	TMB 450 nm
<b>Coconut</b>								
ELISA	DECON01	96	1 h	2 – 30 ppm	0.4 ppm	100 µl	food	TMB 450 nm
<b>Crustaceans (Tropomyosin)</b>								
ELISA	DECRUE01	96	1 h	20 – 400 ppb	0.09 ppb	100 µl	food	TMB 450 nm
<b>Deoxynivalenol</b>								
ELISA	DEDONE03	96	20 min	0.2 – 5 ppm	0.08 ppm	100 µl	cereals, beer/gyle	TMB 450 nm
<b>Egg White</b>								
ELISA	DEEGGE01	96	1 h	0.4 – 10 ppm	0.05 ppm	100 µl	food	TMB 450 nm
<b>Fish (Parvalbumin)</b>								
ELISA	DEFISE01	96	1 h	4 – 100 ppm	1.4 ppm	100 µl	food	TMB 450 nm
<b>Folic Acid</b>								
ELISA	DEFOLE01	96	2 h 20 min	4 – 400 ng/ml	2 ng/ml	100 µl	food	TMB 450 nm
<b>Fumonisin</b>								
ELISA	DEFUME03	96	20 min	0.05 – 5 ppm	0.015 ppm	100 µl	cereals, beer/gyle	TMB 450 nm
<b>Gliadin/Gluten</b>								
ELISA	DEGLUE02	96	1 h	2 – 60 ppm	0.3 ppm	100 µl	food	TMB 450 nm
<b>Hazelnut</b>								
ELISA	DEHAZE01	96	1 h	1 – 40 ppm	0.7 ppm	100 µl	food	TMB 450 nm
<b>Histamine Food</b>								
ELISA	DEE3100	96	55 min	0.5 – 50 ng/ml	0.15 mg/l	25 µl	fish, sausage, milk, wine, fish meal, champagne	TMB 450 nm
<b>Lupine</b>								
ELISA	DELUPE01	96	1 h	2 – 30 ppm	0.2 ppm	100 µl	food	TMB 450 nm
<b>Lysozyme</b>								
ELISA	DELYSE01	96	1 h	25 – 250 ppb	wine: 2 ppb; others: 10 ppb	100 µl	food	TMB 450 nm
<b>Macadamia nut</b>								
ELISA	DEMACE01	96	1 h	1 – 40 ppm	0.1 ppm	100 µl	food	TMB 450 nm
<b>Milk</b>								
ELISA	DEMILE01	96	1 h	0.4 – 10 ppm	0.05 ppm	100 µl	food	TMB 450 nm
<b>Molluscs (Tropomyosin)</b>								
ELISA	DEMOLE01	96	1 h	10 – 400 ppb	1.7 ppb	100 µl	food	TMB 450 nm
<b>Mustard</b>								
ELISA	DEMUSE01	96	1 h	2 – 60 ppm	1 ppm	100 µl	food	TMB 450 nm
<b>Ochratoxin A</b>								
ELISA	DEOTAE03	96	15 min	2 – 50 ppb	0.8 ppb	50 µl	cereals, beer/gyle, wine	TMB 450 nm
<b>Ovalbumin</b>								
ELISA	DEOVAE01	96	1 h	25 – 500 ppb	4 ppb	100 µl	food	TMB 450 nm
<b>Peanut</b>								
ELISA	DEPEAE01	96	1 h	1 – 40 ppm	0.1 ppm	100 µl	food	TMB 450 nm

Method	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Final sample volume	Sample type	Substrate
<b>Pecan nut</b>								
ELISA	DEPECE01	96	1 h	2 – 60 ppm	0.2 ppm	100 µl	food	TMB 450 nm
<b>Penicillin</b>								
ELISA	DEPENE01	96	2 h 20 min	4 – 400 ng/ml	3 ng/ml	100 µl	shrimps, milk	TMB 450 nm
<b>Pistachio</b>								
ELISA	DEPISE01	96	1 h	1 – 40 ppm	0.13 ppm	100 µl	food	TMB 450 nm
<b>Quinolones</b>								
ELISA	DEQUIE01	96	45 min	0.4 – 40 ng/ml	0.13 ng/ml	50 µl	food	TMB 450 nm
<b>Sesame</b>								
ELISA	DESESE01	96	1 h	2 – 30 ppm	0.2 ppm	100 µl	food	TMB 450 nm
<b>Soy</b>								
ELISA	DESOJE01	96	1 h	40 – 1,000 ppb	16 ppb	100 µl	food	TMB 450 nm
<b>Streptomycin</b>								
ELISA	DESTRE02	96	1 h	2 – 200 ng/ml	1 ng/ml	100 µl	food	TMB 450 nm
<b>T2 Toxin</b>								
ELISA	DET2TE03	96	20 min	17.5 – 1,750 ppb	13 ppb	100 µl	food	TMB 450 nm
<b>Tetracycline</b>								
ELISA	DETCYE01	96	1 h 20 min	0.04 – 4 ng/ml	0.024 ng/ml	100 µl	food	TMB 450 nm
<b>Total Soy Protein</b>								
ELISA	DETSPE01	96	1 h	0 – 36 ppm	0.2 ppm	100 µl	food	TMB 450 nm
<b>Vitamin B12</b>								
ELISA	DEB12E01	96	1 h 20 min	0.4 – 40 ng/ml	0.3 ng/ml	50 µl	food	TMB 450 nm
<b>Vitamin H (Biotin)</b>								
ELISA	DEBIOE01	96	1 h 20 min	1 – 25 ng/ml	0.5 ng/ml	50 µl	food	pNpp 405 nm
<b>Walnut</b>								
ELISA	DEWALE01	96	1 h	2 – 60 ppm	0.35 ppm	100 µl	food	TMB 450 nm
<b>Zearalenone</b>								
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. Häuster

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

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
<b>17-OH-Progesterone</b>									
ELISA	DEH3322	96	1 h 30 min	0.1 – 25 ng/ml	0.022 ng/ml	2	25 µl	serum, plasma	TMB 450 nm
RIA	IT1452	100	2 h	0.12 – 47 ng/ml	0.04 ng/ml	2	25 µl	serum, plasma	I-125
<b>Active Androstenediol Glucuronide</b>									
RIA	DSL9200	100	3 h	0 – 100 ng/ml	0.07 ng/ml	2	100 µl	serum	I-125
<b>Active Androstenedione</b>									
RIA	DSL3800	100	1 h	0 – 10 ng/ml	0.05 ng/ml	2	50 µl	serum, plasma	I-125
<b>Active Dihydrotestosterone</b>									
RIA	DSL9600i	100	2 h	0 – 2,500 pg/ml	9.14 pg/ml	2	100 µl	serum, plasma	I-125
<b>Active Free Testosterone</b>									
RIA	DSL4900	100	1 h	0 – 100 pg/ml	0.13 pg/ml	2	50 µl	serum	I-125
<b>AFP</b>									
IRMA	IM1441	100	45 min	3 – 400 IU/ml	0.11 IU/ml	2	50 µl	serum, amniotic fluid	I-125
<b>AMH</b>									
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
<b>Androstenedione</b>									
ELISA	DE3265	96	1 h 30 min	0.1 – 10 ng/ml	0.021 ng/ml	2	20 µl	serum, plasma	TMB 450 nm
<b>beta-hCG free</b>									
IRMA	IT2459	100	1 h 30 min	0.32 – 200 ng/ml	0.05 ng/ml	2	100 µl	serum, plasma	I-125
<b>DHEA</b>									
ELISA	DEH3344	96	1 h 30 min	0.3 – 30 ng/ml	0.082 ng/ml	2	25 µl	serum, plasma	TMB 450 nm
RIA	DE8900	100	1 h	0.34 – 45 ng/ml	0.25 ng/ml	2	25 µl	serum, plasma	I-125
<b>DHEA-S</b>									
ELISA	DE1562	96	1 h 15 min	0.1 – 10 µg/ml	0.044 µg/ml	-	25 µl	serum, plasma	TMB 450 nm
RIA	IT0729	100	30 min	6 – 1,000 µg/100 ml	6 µg/100ml	1	25 µl	serum, plasma	I-125
<b>Dihydrotestosterone (DHT)</b>									
ELISA	DE5761	96	1 h 15 min	25 – 1,500 pg/ml	6.82 pg/ml	2	75 µl	serum, plasma	TMB 450 nm
<b>Estradiol</b>									
ELISA	DE2693	96	2 h	25 – 2,000 pg/ml	10.6 pg/ml	2	25 µl	serum, plasma	TMB 450 nm
ELISA	DE4399	96	2 h 30 min	10 – 400 pg/ml	5.583 pg/ml	2	50 µl	serum, plasma	TMB 450 nm
RIA	A21854	100	3 h	9.5 – 4,104 pg/ml	10.41 pg/ml	1	100 µl	serum, plasma	I-125
<b>Estriol unconjugated</b>									
ELISA	DE1612	96	1 h 30 min	0.3 – 40 ng/ml	0.021 ng/ml	-	10 µl	serum	TMB 450 nm
<b>Estrone</b>									
ELISA	DE4174	96	1 h 15 min	15 – 2,400 pg/ml	8.1 pg/ml	2	25 µl	serum, plasma	TMB 450 nm
RIA	DSL8700	100	1 h	0 – 2,000 pg/ml	10 pg/ml	2	50 µl	serum, plasma	I-125
<b>Estrone Sulfate</b>									
RIA	DSL5400	100	3 h 10 min	0 – 80 ng/ml	0.01 ng/ml	2	100 µl	serum, plasma	I-125



## Reproduction / Down-Syndrome

Method	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Internal controls	Final sample volume	Sample type	Isotope / Substrate
<b>FSH</b>									
ELISA	DE1288	96	40 min	5 - 100 mIU/ml	0.856 mIU/ml	-	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
<b>hCG</b>									
ELISA	DE1469	96	40 min	5 - 1,000 mIU/ml	< 5 mIU/ml	-	25 µl	serum, plasma	TMB 450 nm
<b>hPL</b>									
ELISA	DE1283	96	40 min	1.25 - 20 mg/l	0.043 mg/l	2	10 µl	serum	TMB 450 nm
<b>Inhibin A</b>									
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
<b>Inhibin B</b>									
ELISA	A81303	96	3 h 30 min	10 - 966 pg/ml	2.6 pg/ml	2	50 µl	serum, plasma	TMB 450 nm
<b>LH</b>									
ELISA	DE1289	96	40 min	10 - 200 mIU/ml	1.27 mIU/ml	-	25 µl	serum	TMB 450 nm
IRMA	IT1381	100	1 h 30 min	0.50 - 180 IU/l	0.16 IU/l	1	100 µl	serum, plasma	I-125
<b>Progesterone</b>									
ELISA	DE1561	96	1 h 20 min	0.3 - 40 ng/ml	0.045 ng/ml	-	25 µl	serum, plasma	TMB 450 nm
RIA	IT1188	100	1 h	0.09 - 65 ng/ml	0.03 ng/ml	1	50 µl	serum, plasma	I-125
<b>Prolactin</b>									
ELISA	DE1291	96	40 min	5 - 200 ng/ml	0.35 ng/ml	-	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
<b>SHBG</b>									
ELISA	DE2996	96	2 h 45 min	4 - 260 nmol/l	0.23 nmol/l	2	50 µl	serum, plasma	TMB 450 nm
IRMA	IT3532	100	2 h	3 - 300 nmol/l	0.2 nmol/l	2	20 µl	serum	I-125
<b>Testosterone</b>									
ELISA	DE1559	96	1 h 15 min	0.2 - 16 ng/ml	0.08 ng/ml	-	25 µl	serum, plasma	TMB 450 nm
<b>Testosterone direct</b>									
RIA	IT1119	100	3 h	0.12 - 21 ng/ml	0.025 ng/ml	1	50 µl	serum, plasma	I-125
<b>Testosterone free</b>									
ELISA	DE2924	96	1 h 15 min	0.2 - 100 pg/ml	0.04 pg/ml	2	20 µl	serum, plasma	TMB 450 nm
RIA	DE4369	96	2 h	0.534 - 95.4 pg/ml	0.13 pg/ml	2	50 µl	serum	I-125
<b>Ultra-Sensitive Estradiol</b>									
RIA	DSL4800	100	3 h 15 min	0 - 750 pg/ml	2.2 pg/ml	2	200 µl	serum, plasma	I-125

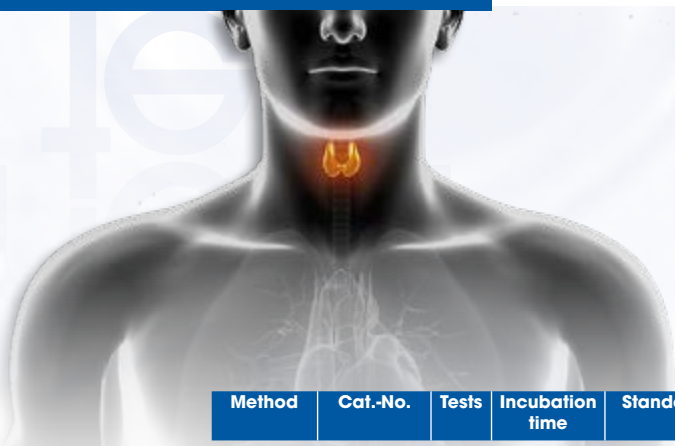
## Growth Factor

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
<b>Adiponectin human</b>									
ELISA	DEE009	96	1 h 45 min	2 - 100 ng/ml	0.27 ng/ml	2	100 µl	serum, plasma	TMB 450 nm
<b>GH</b>									
IRMA	IT1397	100	1 h	0.5 - 102 mIU/l	0.1 mIU/l	1	50 µl	serum, plasma	I-125
<b>IGFBP-3</b>									
ELISA	DEE003A	96	2 h 30 min	0.4 - 30 ng/ml	0.03 ng/ml	2	50 µl	serum, plasma	TMB 450 nm
IRMA	DE6600	100	18 - 24 h	2.1 - 110 ng/ml	0.5 ng/ml	2	50 µl	serum	I-125
<b>IGF-I</b>									
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
<b>PLGF (Placenta growth factor)</b>									
ELISA	DE4529	96	2 h 30 min	25 - 1,000 pg/ml	< 1.062 pg/ml	2	25 µl	serum	TMB 450 nm

## 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
<b>FT3</b>									
ELISA	DE3801	96	1 h 30 min	1 – 20 pg/ml	0.536 pg/ml	2	50 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
<b>FT4</b>									
ELISA	DE3775	96	1 h 30 min	0.5 – 8 ng/dl	0.22 ng/dl	2	50 µl	serum, plasma	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
<b>T3 total</b>									
RIA	IT1699	100	1 h	0.83 – 13.2 nmol/l	0.26 nmol/l	2	25 µl	serum, plasma	I-125
<b>T4 total</b>									
RIA	IT1447	100	1 h	25 – 400 nmol/l	10.63 nmol/l	2	20 µl	serum, plasma	I-125
<b>Thyroidal Peroxidase-Ab (TPO-Ab)</b>									
ELISA	DE7580	96	1 h 5 min	33 – 3,000 IU/ml	5 IU/ml	2	100 µl	serum, plasma	TMB 450 nm
RIA	RK-36CT	100	2 h	15 – 1,900 IU/ml	7.26 IU/ml	2	10 µl	serum	I-125
<b>Thyroglobulin (hTg)</b>									
ELISA	DE7680	96	2 h 20 min	3 – 300 ng/ml	1 ng/ml	2	50 µl	serum, plasma	TMB 450 nm
IRMA	DE20100	100	16 - 24 h	0.3 – 250 ng/ml	0.022 ng/ml	2	100 µl	serum	I-125
<b>Thyroglobulin-Ab (Tg-Ab)</b>									
ELISA	DE7590	96	1 h 5 min	100 – 9,000 IU/ml	10 IU/ml	2	100 µl	serum, plasma	TMB 450 nm
RIA	RK-8CT	100	2 h	30 – 3,000 IU/ml	8.29 IU/ml	2	100 µl	serum	I-125
<b>TRAb</b>									
ELISA	TRE/96/2A	96	3 h	1 – 40 U/l	0.55 U/l	2	75 µl	serum	TMB 450 nm
RIA	TCT/100	100	3 h	1 – 40 IU/l	0.33 IU/l	2	100 µl	serum	I-125
<b>TSH</b>									
ELISA	DE4171	96	2 h	0.25 – 15 mIU/l	0.06 mIU/l	2	25 µl	serum, plasma	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

## Nephrology

**New**

**Cortisol sensitive RIA (C23117)**

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
<b>ACTH</b>									
IRMA	IT2030	100	2 h	9.5 – 1,425 pg/ml	1.2 pg/ml	1	300 µl	plasma	I-125
<b>Aldosterone</b>									
ELISA	DE5298	96	2 h	20 – 1,000 pg/ml	s: 7.374 pg/ml; u: 8.902 pg/ml	2	100 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 3h	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
<b>Cortisol</b>									
ELISA	DEH3388	96	1 h 30 min	10 – 800 ng/ml	0.38 ng/ml	2	10 µl	serum, plasma	TMB 450 nm
ELISA	DE2989	96	1 h 15 min	1 – 200 ng/ml	0.22 ng/ml	2	10 µl	urine	TMB 450 nm
RIA	DE28100	100	2 h	40 – 1,600 nmol/l	2.9 nmol/l	1	10 µl	serum	I-125
RIA	IT1841	100	1 h	21 – 2,360 nmol/l	5 nmol/l	1	50 µl	serum, plasma, urine	I-125
<b>Cortisol sensitive</b>									
RIA	C23117	100	1 h	0 - 2,000 nM	4.23 nM	1	50 µl/300 µl	serum, plasma, urine, saliva	I-125
<b>Gd-IgA1 (Galactose-deficient IgA1)</b>									
ELISA	JP27600	96	2 h	1.56 - 100 ng/ml	0.488 ng/ml	-	50 µl	serum, plasma	TMB 450 nm

## 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 elevati-

on. 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
<b>alpha-subunit</b>									
IRMA	IT1186	100	1 h	0.28 – 9.5 IU/l	0.02 IU/l	1	100 µl	serum, plasma	I-125
<b>beta-2-Microglobulin</b>									
ELISA	DE7610	96	1 h 5 min	0.75 – 12 µg/ml	0.1 µg/ml	2	100 µl	serum, plasma, urine	TMB 450 nm
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
<b>CA125</b>									
ELISA	DE5072	96	1 h 15 min	25 – 600 U/ml	0.25 U/ml	2	50 µl	serum, plasma	TMB 450 nm
IRMA	IT2233	100	4 h	15 – 500 U/ml	0.69 U/ml	1	100 µl	serum, plasma	I-125
<b>CA15-3</b>									
ELISA	DE5068	96	2 h 15 min	25 – 200 U/ml	0.5 U/ml	2	10 µl	serum, plasma	TMB 450 nm
IRMA	IT2397	100	3 h	16 – 301 U/ml	0.15 U/ml	1	200 µl	serum, plasma	I-125
<b>CA19-9</b>									
ELISA	DE5069	96	2 h 30 min	15 – 240 U/ml	0.2 U/ml	2	50 µl	serum, plasma	TMB 450 nm
IRMA	IT3151	100	3 h	17 – 480 U/ml	2 U/ml	1	50 µl	serum, plasma	I-125
<b>CA72-4</b>									
ELISA	DE5071	96	2 h 30 min	3 – 100 U/ml	0.79 U/ml	2	20 µl	serum, plasma	TMB 450 nm
IRMA	DE51100	100	2 h overnight	2.2 – 92 U/ml	1.94 U/ml	2	100 µl	serum, plasma	I-125
<b>CEA</b>									
ELISA	DE1868	96	1 h 30 min	5 – 100 ng/ml	< 0.596 ng/ml	2	50 µl	serum, plasma	TMB 450 nm
IRMA	DE38100	100	1 h	1.3 – 180 ng/ml	0.05 ng/ml	2	50 µl	serum	I-125
IRMA	IT2204	100	2 h	1 – 340 ng/ml	0.2 ng/ml	2	30 µl	serum	I-125
<b>Chromogranin A</b>									
ELISA	DEE9000	96	2 h 25 min	30 – 900 µg/l	LoD: 1.4 µg/l	2	50 µl	serum	TMB 450 nm
<b>CYFRA 21-1</b>									
ELISA	DE5070	96	1 h 15 min	3 – 50 ng/ml	0.185 ng/ml	2	50 µl	serum, plasma	TMB 450 nm
<b>NSE</b>									
ELISA	DE2353	96	1 h 15 min	7 – 120 ng/ml	0.19 ng/ml	2	25 µl	serum	TMB 450 nm
<b>PSA free</b>									
IRMA	IT2520	50	2 h	0.3 – 30 ng/ml	0.02 ng/ml	2	200 µl	serum, plasma	I-125
<b>PSA total</b>									
IRMA	IT1950	100	2 h	1 – 100 ng/ml	0.1 ng/ml	2	100 µl	serum	I-125
<b>Thymidine Kinase</b>									
REA	IT1948	50	4 h	2.5 – 80 U/l	0.74 U/l	1	25 µl	serum, plasma	I-125



# Diabetes

## New

### Intact Proinsulin ELISA (TE1012)

Method	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Internal controls	Final sample volume	Sample type	Isotope / Substrate
<b>C-Peptide</b>									
ELISA	DE1293	96	1 h 50 min	0.2 – 16 ng/ml	0.064 ng/ml	–	100 µl	serum, plasma, urine	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
<b>DPP4/CD26</b>									
ELISA	JP27789	96	2 h	125 – 8,000 pg/ml	8.58 pg/ml	–	100 µl	serum, plasma, urine, CSF, ccs	TMB 450 nm
<b>GADAb</b>									
ELISA	GDE96	96	2 h 40 min	5 – 2,000 U/ml	0.57 U/ml	2	25 µl	serum	TMB 450 nm
<b>GLP-1, active form</b>									
ELISA	JP27784	96	2 h 30 min	1.25 – 80 pmol/l	0.1 pmol/l	–	100 µl	plasma	TMB 450 nm
<b>IA-2 Ab</b>									
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
<b>Insulin</b>									
ELISA	DE2935	96	1 h 15 min	6.25 – 100 µU/ml	1.76 µU/ml	–	25 µl	serum, plasma	TMB 450 nm
IRMA	DE39100	100	2 h	5.6 – 530 µU/ml	0.6 µU/ml	1	100 µl	serum	I-125
IRMA	IT3210	100	2 h	3.15 – 315 µU/ml	0.5 µU/ml	2	50 µl	serum, plasma	I-125
<b>Intact Proinsulin</b>									
ELISA	TE1012	96	2 h 15 min	0 – 60 pmol/l	0.15 pmol/l	2	50 µl	serum, plasma	TMB 450 nm
<b>Leptin</b>									
ELISA	DEE007	96	1 h 45 min	1 – 100 ng/ml	< 0.25 ng/ml	2	20 µl	serum, plasma	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
<b>ZnT8 Ab</b>									
ELISA	ZNT8/96	96	17 h 40 min	10 – 2,000 U/ml	1.2 U/ml	3	25 µl	serum	TMB 450 nm

## New

### 6-Sulfatoxymelatonin ELISA (EK-M6S) Melatonin RIA (RK-MEL2)

### Vasopressin RIA (RK-AR1) Vasopressin direct RIA (RK-VPD)

## Others

Method	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Internal controls	Final sample volume	Sample type	Isotope / Substrate
<b>6-Sulfatoxymelatonin</b>									
ELISA	EK-M6S	96	3 h 46 min	0.8 – 40 ng/ml	0.14 ng/ml	2	50 µl	urine	TMB 450 nm
<b>ApoB-100 human</b>									
ELISA	JP27181	96	2 h	0.13 – 8.4 µg/ml	0.03 µg/ml	–	100 µl	serum, plasma, ccs	TMB 450 nm
<b>Biotin (Vitamin H)</b>									
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
<b>Calprotectin</b>									
ELISA	DE849	96	2 h	46.6 – 1,991 µg/ml	2.5 ng/ml	3	50 µl	stool	TMB 450 nm
<b>Corticosterone</b>									
ELISA	DE4164	96	1 h 15 min	5 – 240 nmol/l	< 1.63 nmol/l	2	20 µl	serum, plasma	TMB 450 nm
<b>Diamine oxidase (DAO)</b>									
ELISA	K8500	96	4 h 20 min		0.130 U/ml	2	100 µl	serum, dried blood spots	TMB 450 nm
<b>EPO (Erythropoietin)</b>									
ELISA	DE3646	96	2 h 30 min	10.7 – 469 mIU/ml	1.1 mIU/ml	2	200 µl	serum	TMB 450 nm
<b>Ferritin</b>									
ELISA	DE4408	96	1 h 15 min	5 – 800 ng/ml	0.35 ng/ml	1	10 µl	serum, plasma	TMB 450 nm
IRMA	DE34100	100	1 h	5 – 1,000 ng/ml	0.06 ng/ml	1	40 µl	serum	I-125
IRMA	IT3492	100	1 h	4.4 – 1,000 ng/ml	1 ng/ml	2	20 µl	serum, plasma	I-125
<b>Melatonin</b>									
RIA	RK-MEL2	200	20 h 15 min	0.5 – 50 pg/ml	0.3 pg/ml	2	400 µl	serum, plasma, urine, other biol. specimen	I-125
<b>Neopterin</b>									
ELISA	DE59321	96	1 h 40 min	1.35 – 111 nmol/l	0.7 nmol/l	2	20 µl	serum, plasma, urine	TMB 450 nm
<b>Plasminogen activator inhibitor-1 (PAI-1)</b>									
ELISA	DE31070	96	2 h 35 min	0.031 – 2 ng/ml	0.031 ng/ml	1	100 µl	serum, plasma	TMB 450 nm
<b>Protein C</b>									
ELISA	DE10901	96	1 h 30 min	12.5 – 150 %	6 %	2	100 µl	plasma	TMB 450 nm
<b>Protein S</b>									
ELISA	DE10902	96	1 h 30 min	12.5 – 150 %	1 %	2	100 µl	plasma	TMB 450 nm
<b>soluble alpha-Klotho human</b>									
ELISA	JP27998	96	2 h 30 min	93.75 – 6,000 pg/ml	6.15 pg/ml	–	100 µl	serum, plasma	TMB 450 nm
<b>Vasopressin</b>									
RIA	RK-AR1	100	48 h	0.75 – 50 pg/ml	0.36 pg/ml	2	400 µl	plasma, urine	I-125
<b>Vasopressin direct</b>									
RIA	RK-VPD	100	48 h	1.5 – 100 pg/ml	0.75 pg/ml	2	400 µl	plasma	I-125

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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
I-125	Iodine-125
MT	Metanephrine
NAD	Noradrenaline
NMP	n-methyl-2-pyrrolidone
NMT	Normetanephrine
p	plasma
PFP	platelet free plasma
plat.	platelets
pNpp	para-Nitrophenylphosphate
s	serum
TMB	3,3', 5,5'-Tetramethylbenzidine
u	urine
wb	whole blood

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