

Product Catalogue

2021

Your partner in...

veterinary

saliva

endocrinology

infectious disease

food intolerance

...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



For more details please ask for our special brochure "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.

Method	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Final sample volume	Sample type	Substrate
Testosterone rat/mouse								
ELISA	DEV9911	96	1 h 30 min	0.1 – 25 ng/ml	0.066 ng/ml	10 µl	serum, plasma	TMB 450 nm
Corticosterone rat/mouse								
ELISA	DEV9922	96	2 h 30 min	15 – 2,250 ng/ml	6.1 ng/ml	10 µl	serum, plasma	TMB 450 nm
Estrone-3-Sulfate equine								
ELISA	DEV9933	96	2 h	5 – 1,000 ng/ml	0.14 ng/ml	20 µl	serum	TMB 450 nm
Prolactin canine								
ELISA	DEV9944	96	3 h 30 min	2.5 – 80 ng/ml	0.4 ng/ml	25 µl	serum	TMB 450 nm
TSH canine								
ELISA	DEV9955	96	2 h 30 min	0.2 – 5.2 ng/ml	0.00002 ng/ml	100 µl	serum, plasma	TMB 450 nm
Prolactin rat								
ELISA	DEV9966	96	3 h 30 min	5 – 80 ng/ml	0.6 ng/ml	25 µl	serum	TMB 450 nm
TSH rat								
ELISA	DEV9977	96	18-20 h	2.5 – 80 ng/ml	0.1 ng/ml	25 µl	serum	TMB 450 nm
Progesterone rat/mouse								
ELISA	DEV9988	96	1 h 30 min	0.4 – 100 ng/ml	0.04 ng/ml	25 µl	serum, plasma	TMB 450 nm
Estradiol rat								
ELISA	DEV9999	96	3 h 30 min	5 – 1,280 pg/ml	2.5 pg/ml	75 µl	serum	TMB 450 nm
Insulin rat								
ELISA	DEV8811	96	2 h 30 min	0.156 – 10 ng/ml	0.1 ng/ml	20 µl	serum, plasma	TMB 450 nm

Salivary Diagnostics

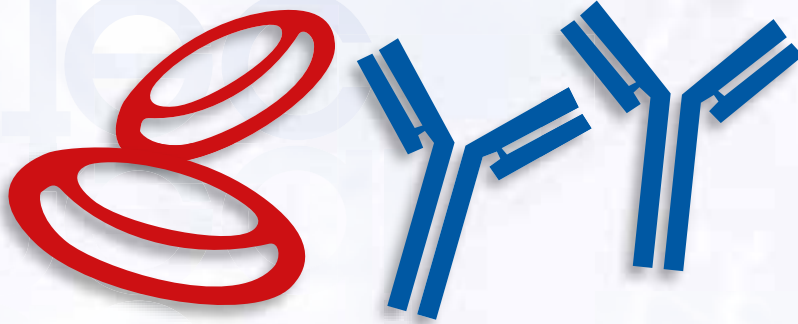
The exact measurement of hormone concentrations is important for the correct estimation of the hormone balance and endocrine function. This measurement traditionally is performed in blood/serum/plasma samples. Several hormones also can be analyzed in saliva. This technique offers several advantages: the sampling is non-invasive and can be done any-time, 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.



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

Method	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Internal controls	Fine sample volume	Sample type	Substrate
Cortisol free in Saliva									
ELISA	DES6611	96	1 h 30 min	0.1 – 30 ng/ml	0.019 ng/ml	2	50 µl	saliva	TMB 450 nm
Testosterone free in Saliva									
ELISA	DES6622	96	1 h 30 min	10 – 1,000 pg/ml	2.2 pg/ml	2	100 µl	saliva	TMB 450 nm
DHEA free in Saliva									
ELISA	DES6666	96	1 h 30 min	10 -2,560 pg/ml	3.7 pg/ml	2	100 µl	saliva	TMB 450 nm
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
alpha-Amylase Saliva									
ELISA	DEEQ6231	96	1 h 15 min	10 – 500 U/ml	3.6 U/ml	2	20 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
Estradiol free in Saliva									
ELISA	DESLV4188	96	3 h	1 – 100 pg/ml	0.6 pg/ml	2	100 µl	saliva	TMB 450 nm
Estrone free in Saliva									
ELISA	DESLV5228	96	1 h 15 min	3 – 333 pg/ml	0.12 pg/ml	2	100 µl	saliva	TMB 450 nm
Secretory IgA									
ELISA	DEXK276	96	2 h 15 min	2 – 400 µg/ml	0.6 µg/ml	1	10 µl	saliva, other body fluids	TMB 450 nm

Autoimmunity



One of the cardinal properties of the immune system is its ability to recognize and respond to for-

eign 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
ACPA										
ELISA		DE7170	96	1 h 5 min	20 – 1,000 U/ml	1 U/ml	2	100 µl	serum, plasma	TMB 450 nm
AMA-M2										
ELISA		DE7000	96	1 h 5 min	12.5 – 200 IU/ml	1 IU/ml	2	100 µl	serum, plasma	TMB 450 nm
ANA Hep Screen										
ELISA		DE7020	96	1 h 5 min	Cut-off	diagn. 98.9 %	–	100 µl	serum, plasma	TMB 450 nm
ANA Profile										
ELISA		DE7010	96	1 h 5 min	Cut-off	diagn. 95.5 %	1	100 µl	serum, plasma	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
ANCA Profile										
ELISA		DE7040	96	1 h 5 min	Cut-off	diagn. 90.2 %	–	100 µl	serum, plasma	TMB 450 nm
ANCA Screen										
ELISA		DE7050	96	1 h 5 min	Cut-off	diagn. 95.1 %	–	100 µl	serum, plasma	TMB 450 nm
ANCA-C (PR3)										
ELISA		DE7060	96	1 h 5 min	5 – 100 U/ml	0.5 U/ml	2	100 µl	serum, plasma	TMB 450 nm
ANCA-P (MPO)										
ELISA		DE7080	96	1 h 5 min	5 – 100 U/ml	0.5 U/ml	2	100 µl	serum, plasma	TMB 450 nm
Annexin V Ab										
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
Anti-LKM-1										
ELISA		DE7703	96	1 h	3 – 300 U/ml	1 U/ml	–	100 µl	serum	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 30 min	31 – 250 U/ml	25 U/ml	1	50 µl	serum	TMB 450 nm
ASCA										
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
beta2-Glycoprotein I Ab										
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
C1q Ab										
ELISA		DE7280	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	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
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
ELISA	IgA/IgG/IgM	DE7370	96	1 h 5 min	12.5 – 200 IU/ml	1 IU/ml	2	100 µl	serum, plasma	TMB 450 nm
ENA Combi										
ELISA		DE7390	96	1 h 5 min	12.5 – 100 U/ml	1 U/ml	–	100 µl	serum, plasma	TMB 450 nm
ENA Screen										
ELISA		DE7420	96	1 h 5 min	Cut-off	diagn. 92.7 %	–	100 µl	serum, plasma	TMB 450 nm
ENA-6 Profile										
ELISA		DE7410	96	1 h 5 min	Cut-off	diagn. 86.4 %	2	100 µl	serum, plasma	TMB 450 nm
GBM Ab										
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
Glialin										
ELISA	IgA	DEGLI02	96	1 h 50 min	1 – 150 U/ml	1.05 U/ml	–	100 µl	serum, plasma	TMB 450 nm
ELISA	IgG	DEGLI01	96	1 h 50 min	1 – 150 U/ml	1.11 U/ml	–	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	DEGLI03	96	1 h 50 min	1 – 300 U/ml	0.94 U/ml	–	100 µl	serum, plasma	TMB 450 nm
Insulin Ab										
ELISA		DE7430	96	1 h 5 min	6.3 – 100 U/ml	0.5 U/ml	2	100 µl	serum, plasma	TMB 450 nm
Intrinsic Factor Ab										
ELISA		DE7140	96	1 h 5 min	6.3 – 100 U/ml	0.5 U/ml	2	100 µl	serum, plasma	TMB 450 nm
Jo-1 Ab										
ELISA		DE7440	96	1 h 5 min	12.5 – 200 U/ml	1 U/ml	2	100 µl	serum, plasma	TMB 450 nm
Parietal Cell Ab										
ELISA		DE7450	96	1 h 5 min	6.3 – 100 U/ml	0.5 U/ml	2	100 µl	serum, plasma	TMB 450 nm
Phosphatidyl Inositol Ab										
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
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
Prothrombin Screen										
ELISA		DE7230	96	1 h 5 min	6.3 – 100 U/ml	1 U/ml	2	100 µl	serum, plasma	TMB 450 nm
Rheumatoid Factor										
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
RNP 70 Ab										
ELISA		DE7490	96	1 h 5 min	12.5 – 200 U/ml	1 U/ml	2	100 µl	serum, plasma	TMB 450 nm
RNP/Sm Ab										
ELISA		DE7500	96	1 h 5 min	12.5 – 200 U/ml	1 U/ml	2	100 µl	serum, plasma	TMB 450 nm
Scl-70 Ab										
ELISA		DE7510	96	1 h 5 min	12.5 – 200 U/ml	1 U/ml	2	100 µl	serum, plasma	TMB 450 nm
Sm Ab										
ELISA		DE7520	96	1 h 5 min	12.5 – 200 U/ml	1 U/ml	2	100 µl	serum, plasma	TMB 450 nm
SS-A Ab										
ELISA		DE7550	96	1 h 5 min	12.5 – 200 U/ml	1 U/ml	2	100 µl	serum, plasma	TMB 450 nm
SS-B Ab										
ELISA		DE7560	96	1 h 5 min	12.5 – 200 U/ml	1 U/ml	2	100 µl	serum, plasma	TMB 450 nm
ss-DNA Ab										
ELISA		DE7570	96	1 h 5 min	12.5 – 200 U/ml	1 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

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
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
RIA	DER1971	96	3 h	13.5 – 93.3 ng/ml	1.63 ng/ml	2	25 µl	serum	I-125
Calcitonin									
ELISA	DEKAP0421	96	18 h 30 min	7.5 – 573 pg/ml	1.3 pg/ml	2	100 µl	serum, plasma	TMB 450 nm
IRMA	DE16100	100	18 – 24 h	9.5 – 1,900 pg/ml	0.5 pg/ml	2	100 µl	serum	I-125
PTH intact									
ELISA	DE3645	96	3 h 30 min	13.2 – 1,053 pg/ml	1.57 pg/ml	2	25 µl	serum	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
PMN Elastase									
ELISA	DEH3311	96	2 h 20 min	15.6 – 1,000 ng/ml	0.2 ng/ml	2	100 µl	plasma, seminal plasma, exudate, BALF, CSF	TMB 450 nm
C5a									
ELISA	DE3327	192	50 min	0.1 – 10 µg/l	< 0.02 µg/l	1	50 µl	plasma, urine	TMB 450 nm
IFN-gamma human									
ELISA	DE4434	96	2 h 15 min	0.73 – 20.3 IU/ml	0.03 IU/ml	2	50 µl	serum, plasma	TMB 450 nm
Interleukin-1beta human									
ELISA	DE4437	96	2 h 15 min	18 – 933 pg/ml	0.35 pg/ml	2	200 µl	serum, plasma	TMB 450 nm
Interleukin-6 human									
ELISA	DE4640	96	2 h 15 min	27.8 – 2,406 pg/ml	2 pg/ml	2	100 µl	serum	TMB 450 nm
Interleukin-8 human									
ELISA	DE4700	96	2 h 30 min	39.7 – 1,704 pg/ml	1.1 pg/ml	2	100 µl	plasma	TMB 450 nm
Interleukin-10 human									
ELISA	DE4699	96	4 h 30 min	14 – 1,335 pg/ml	1.6 pg/ml	2	100 µl	serum	TMB 450 nm
TNF-alpha human									
ELISA	DE4641	96	4 h 15 min	4.67 – 500 pg/ml	0.7 pg/ml	2	200 µl	serum	TMB 450 nm

Diabetes

Method	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Internal controls	Final sample volume	Sample type	Isotope / Substrate
Anti-GAD									
ELISA	DEGDE96	96	2 h 40 min	5 – 2,000 U/ml	0.57 U/ml	2	25 µl	serum	TMB 450 nm
Anti-IA2									
ELISA	DEIAE962	96	17 h 40 min	7.5 – 4,000 U/ml	1.25 U/ml	2	50 µl	serum	TMB 450 nm
C-Peptide									
ELISA	DE1293	96	1 h 50 min	0.2 – 16 ng/ml	0.064 ng/ml	2	100 µl	serum, plasma, urine	TMB 450 nm
Insulin									
ELISA	DE2935	96	1 h 15 min	6.25 – 100 µIU/ml	1.76 µIU/ml	-	25 µl	serum, plasma	TMB 450 nm
Leptin									
ELISA	DEE007	96	1 h 45 min	1 – 100 ng/ml	<0.25 ng/ml	2	20 µl	serum, plasma	TMB 450 nm

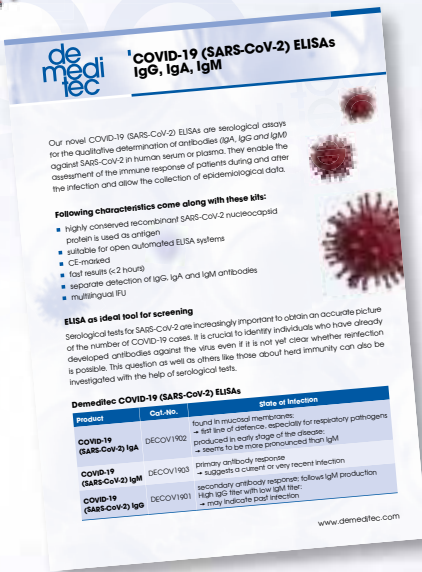
Biogenic Amines



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
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
RIA	DER6600	3 x 96	2 h 45 min	AD: 1 – 200 ng/ml; NAD: 5 – 1,000 ng/ml; DOP: 4.5 – 2,000 ng/ml	AD: u: 0.39 ng/ml; p: 19 pg/ml; NAD: u: 1.1 ng/ml; p: 42 pg/ml; DOP: u: 3 ng/ml; p: 29 pg/ml	2	AD: 100 µl; NAD: 20 µl; DOP: u: 10 µl; p: 25 µl	urine, plasma	I-125
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 Research									
ELISA	DEE5100	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	DEE2400	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
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
RIA	DER8300	2 x 100	overnight – 1 h 30 min	MT: 36 – 3,600 pg/ml; NMT: 72 – 7,200 pg/ml	MT: 6.4 pg/ml; NMT: 24.1 pg/ml	2	MT: 60 µl; NMT: 20 µl	plasma	I-125
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
RIA	DER8600	2 x 100	1 h 15 min	MT: 20 – 2,000 ng/ml; NMT: 30 – 3,000 ng/ml	MT: 8 ng/ml; NMT: 22 ng/ml	2	25 µl	urine	I-125
Noradrenaline Research									
ELISA	DEE5200	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	6.2 ng/ml	2	25 µl	serum, urine, platelets	TMB 450 nm
ELISA	DEE5900	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



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.

Find all information about our COVID-19 ELISAs at one glance on our special leaflet.

New

- COVID-19 (SARS-CoV-2) IgG ELISA (DECOV1901)
- COVID-19 (SARS-CoV-2) IgA ELISA (DECOV1902)
- COVID-19 (SARS-CoV-2) IgM ELISA (DECOV1903)

Method	Antibody class	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Final sample volume	Sample type	Substrate
Adenovirus									
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
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	DENO114	96	1 h 45 min	Cut-off	diagn. 100 %	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
COVID-19 (SARS-CoV-2)									
ELISA	IgG	DECOV1901	96	1 h 45 min	Cut-off	see IFU	100 µl	serum, plasma	TMB 450 nm
ELISA	IgA	DECOV1902	96	1 h 45 min	Cut-off	see IFU	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	DECOV1903	96	1 h 45 min	Cut-off	see IFU	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
EBV EA (Early Antigen)									
ELISA	IgG	DEEBE01	96	1 h 50 min	1 – 150 U/ml	1.37 U/ml	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	DEEBE03	96	1 h 50 min	1 – 200 U/ml	1.1 U/ml	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

Method	Antibody class	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Final sample volume	Sample type	Substrate
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
ELISA	IgM	DE4247	96	1 h 45 min	0.69 – 60 U/ml	0.69 U/ml	100 µl	serum, plasma	TMB 450
Epstein-Barr Virus (VCA)									
ELISA	IgG	DEEBVG0150	96	1 h 45 min	Cut-off	diagn. 100 %	100 µl	serum, plasma	TMB 450 nm
ELISA	IgA	DEEBVA0150	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
Giardia lamblia									
ELISA		DE610001	96	1 h 40 min	Cut-off	-	50 µl	stool	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
ELISA	IgA	DEHELA0220	96	1 h 45 min	15 – 150 U/ml	1.14 U/ml	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	DEHELO3	96	1 h 50 min	1 – 150 U/ml	1 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	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
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
Mycobacterium tuberculosis									
ELISA	IgG	DETUB01	96	1 h 50 min	1 – 150 U/ml	1.09 U/ml	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	DETUB03	96	1 h 50 min	1 – 100 U/ml	1.22 U/ml	100 µl	serum, plasma	TMB 450 nm
Mycoplasma pneumoniae									
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
Parvovirus B19									
ELISA	IgG	DE3503	96	1 h 45 min	Cut-off	diagn. 98 %	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
Poliomyelitis Virus									
ELISA	IgG	DEPOL01	96	1 h 50 min	1 -150 U/ml	1.4 U/ml	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
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	DETCIG0440	96	1 h 45 min	50 – 300 U/ml	1.78 U/ml	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	DETCIM0440	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
Treponema pallidum (Syphilis)									
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	diagn. 100 %	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	IgG	DEYER01	96	1 h 50 min	1 – 180 U/ml	1.92 U/ml	100 µl	serum, plasma	TMB 450 nm
ELISA	IgA	DEYER02	96	1 h 50 min	1 – 200 U/ml	1.02 U/ml	100 µl	serum, plasma	TMB 450 nm
ELISA	IgM	DEYER03	96	1 h 50 min	1 – 110 U/ml	1.02 U/ml	100 µl	serum, plasma	TMB 450 nm

Food Analytics



For more details please ask for our special brochure "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.

New

Total Soy Protein ELISA (DETSPE01)

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	0.2 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	0.04 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
Chloramphenicol								
ELISA	DECAPE02	96	1 h	0.05 – 5 ng/ml	0.03 ng/ml	100 µl	food, human urine	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	0.09 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	0.3 ppm	100 µl	food	TMB 450 nm
Histamine Food								
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
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

Method	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Final sample volume	Sample type	Substrate
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
Quinolones								
ELISA	DEQUIE01	96	45 min	0.4 – 40 ng/ml	0.13 ng/ml	50 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
Total Soy Protein								
ELISA	DETSPE01	96	1 h	0 – 36 ppm	0.2 ppm	100 µl	food	TMB 450 nm
Streptomycin								
ELISA	DESTRE02	96	1 h	2 – 200 ng/ml	1 ng/ml	100 µl	food	TMB 450 nm
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
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	DEZAE03	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

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
17-OH-Progesterone									
ELISA	DEH3322	96	1 h 30 min	0.1 – 25 ng/ml	0.014 ng/ml	2	25 µl	serum, plasma	TMB 450 nm
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
Androstenedione									
ELISA	DE3265	96	1 h 30 min	0.1 – 10 ng/ml	0.021 ng/ml	2	20 µl	serum, plasma	TMB 450 nm
beta-hCG free									
ELISA	DE4718	96	1 h 20 min	10 – 200 ng/ml	0.2 ng/ml	2	50 µl	serum, plasma	TMB 450 nm
DHEA									
ELISA	DEH3344	96	1 h 30 min	0.3 – 30 ng/ml	0.07 ng/ml	2	25 µl	serum, plasma	TMB 450 nm
DHEA-S									
ELISA	DEH3366	96	1 h 30 min	0.03 – 10 µg/ml	0.002 µg/ml	2	10 µl	serum, plasma	TMB 450 nm
Dihydrotestosterone (DHT)									
ELISA	DE2330	96	1 h 15 min	25 – 2,500 pg/ml	7.23 pg/ml	2	50 µl	serum	TMB 450 nm
Estradiol									
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	4 h 30 min	3 – 200 pg/ml	1.4 pg/ml	-	100 µl	serum, plasma	TMB 450 nm
Estriol total									
ELISA	DE3717	96	1 h 15 min	2 – 200 ng/ml	1.05 ng/ml	2	20 µl	serum, plasma	TMB 450 nm
Estriol unconjugated									
ELISA	DE1612	96	1 h 30 min	0.3 – 40 ng/ml	0.021 ng/ml	-	10 µl	serum	TMB 450 nm
Estrone									
ELISA	DE4174	96	1 h 15 min	15 – 2,400 pg/ml	8.1 pg/ml	2	25 µl	serum, plasma	TMB 450 nm
FSH									
ELISA	DE1288	96	40 min	5 – 100 mIU/ml	0.856 mIU/ml	-	25 µl	serum	TMB 450 nm
hCG									
ELISA	DE1469	96	40 min	5 – 1,000 mIU/ml	< 5 mIU/ml	-	25 µl	serum, plasma	TMB 450 nm
hPL									
ELISA	DE1283	96	40 min	1.25 – 20 mg/l	0.043 mg/l	2	10 µl	serum	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

Reproduction / Down-Syndrome

Method	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Internal controls	Final sample volume	Sample type	Isotope / Substrate
LH									
ELISA	DE1289	96	40 min	10 – 200 mIU/ml	1.27 mIU/ml	-	25 µl	serum	TMB 450 nm
PAPP-A									
ELISA	DE52051	96	1 h 15 min	1 – 30 µg/ml	0.133 µg/ml	2	10 µl	serum, plasma	TMB 450 nm
Progesterone									
ELISA	DE1561	96	1 h 20 min	0.3 – 40 ng/ml	0.045 ng/ml	-	25 µl	serum, plasma	TMB 450 nm
Prolactin									
ELISA	DE1291	96	40 min	5 – 200 ng/ml	0.35 ng/ml	-	25 µl	serum	TMB 450 nm
SHBG									
ELISA	DE2996	96	2 h 45 min	4 – 260 nmol/l	0.23 nmol/l	2	50 µl	serum, plasma	TMB 450 nm
Testosterone									
ELISA	DE1559	96	1 h 15 min	0.2 – 16 ng/ml	0.08 ng/ml	-	25 µl	serum, plasma	TMB 450 nm
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
RIA	DE4369	96	2 h	0.5 – 120 pg/ml	0.13 pg/ml	2	50 µl	serum	I-125

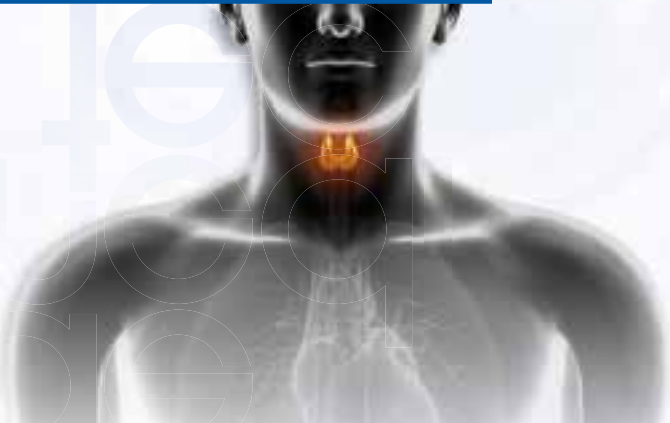
Tumor Marker

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 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
beta-2-Microglobulin									
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
CA125									
ELISA	DE5072	96	1 h 15 min	25 – 600 U/ml	0.25 U/ml	2	50 µl	serum, plasma	TMB 450 nm
CA15-3									
ELISA	DE5068	96	2 h 15 min	25 – 200 U/ml	0.5 U/ml	2	10 µl	serum, plasma	TMB 450 nm
CA19-9									
ELISA	DE5069	96	2 h 30 min	15 – 240 U/ml	0.2 U/ml	2	50 µl	serum, plasma	TMB 450 nm
IRMA	DE50100	100	2 h	15 – 240 U/ml	0.3 U/ml	2	100 µl	serum	I-125
CA72-4									
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	2.9 – 100 U/ml	1.94 U/ml	2	100 µl	serum	I-125
CEA									
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
Chromogranin A									
ELISA	DEE9000	96	2 h 25 min	30 – 900 µg/l	6.5 µg/l	2	50 µl	serum	TMB 450 nm
CYFRA 21-1									
ELISA	DE5070	96	1 h 15 min	3 – 50 ng/ml	0.185 ng/ml	2	50 µl	serum, plasma	TMB 450 nm
NSE									
ELISA	DE2353	96	1 h 15 min	7 – 150 ng/ml	0.19 ng/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
Anti-R-TSH Ab									
ELISA	DE3369	96	3 h	1 – 40 U/l	0.55 U/l	2	75 µl	serum	TMB 450 nm
RIA	DETECT100	100	3 h	1 – 40 U/l	0.3 U/l	2	100 µl	serum	I-125
T3 free									
ELISA	DE3801	96	1 h 30 min	1 – 20 pg/ml	0.536 pg/ml	2	50 µl	serum	TMB 450 nm
RIA	DE06100	100	2 h	2 – 40 pmol/l	0.5 pmol/l	2	100 µl	serum, plasma	I-125
RIA	DE06300	300	2 h	2 – 40 pmol/l	0.5 pmol/l	2	100 µl	serum, plasma	I-125
T4 free									
ELISA	DE3775	96	1h 30 min	0.5 – 8 ng/dl	0.27 ng/dl	2	50 µl	serum or plasma	TMB 450nm
RIA	DE07100	100	1 h	2.8 – 75 pmol/l	0.4 pmol/l	2	25 µl	serum, plasma	I-125
RIA	DE07300	300	1 h	2.8 – 75 pmol/l	0.4 pmol/l	2	25 µl	serum, plasma	I-125
Thyroidal Peroxidase-Ab (TPO-Ab)									
ELISA	DE7580	96	1 h 5 min	33 – 3,000 IU/ml	5 IU/ml	2	100 µl	serum, plasma	TMB 450 nm
RIA	DE18100	100	2 h	15 – 1,900 IU/ml	2.4 IU/ml	2	20 µl	serum	I-125
Thyroglobulin (hTg)									
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
Thyroglobulin-Ab (Tg-Ab)									
ELISA	DE7590	96	1 h 5 min	100 – 9,000 IU/ml	10 IU/ml	2	100 µl	serum, plasma	TMB 450 nm
RIA	DE47100	100	3 h	30 – 3,000 IU/ml	8.6 IU/ml	2	50 µl	serum	I-125
TSH									
ELISA	DE4171	96	2 h	0.25 – 15 mIU/l	0.06 mIU/l	2	25 µl	serum, plasma	TMB 450 nm
IRMA	DE15100	100	1 h	0.15 – 50 mIU/l	0.04 mIU/l	2	100 µl	serum, plasma	I-125
IRMA	DE15300	300	1 h	0.15 – 50 mIU/l	0.04 mIU/l	2	100 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 re-

nal 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
Aldosterone									
ELISA	DE5298	96	2 h	20 – 1,000 pg/ml	< 5.7 pg/ml	2	50 µl	serum, plasma, urine	TMB 450 nm
RIA	DERCW100	96	18–24 h or 3 h	27.6 – 1,685 pg/ml	1.4 pg/ml	1	200 µl	serum, urine	I-125
Cortisol									
ELISA	DEH3388	96	1 h 30 min	10 – 800 ng/ml	3.79 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

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 human									
ELISA	DEE009	96	1 h 45 min	2 – 100 ng/ml	0.27 ng/ml	2	100 µl	serum, plasma	TMB 450 nm
hGH									
ELISA	DE3552	96	1 h 15 min	0.76 – 71.5 µIU/ml	0.2 µIU/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
IGFBP-3									
ELISA	DEE003A	96	2 h 30 min	0.4 – 30 ng/ml	0.03 ng/ml	2	50 µl	serum, plasma	TMB 450 nm
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

Others

Method	Cat.-No.	Tests	Incubation time	Standard range	Sensitivity	Internal controls	Final sample volume	Sample type	Isotope / Substrate
Active-B12 (Holotranscobalamin)									
ELISA	DEFMABT100	96	2 h 5 min	15.8 – 151.4 pmol/l	8.1 pmol/l	2	100 µl	serum	pNpp 405 nm
Calprotectin									
ELISA	DE849	96	2 h	20 – 2,400 µg/ml	2.5 ng/ml	3	50 µl	stool	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
CRP									
ELISA	DE740001	96	1 h 10 min	5 – 100 µg/ml	< 1 µg/ml	-	100 µl	serum, plasma	TMB 450 nm
EPO (Erythropoietin)									
ELISA	DE3646	96	2 h 30 min	10.2 – 448 mIU/ml	1.1 mIU/ml	2	200 µl	serum	TMB 450 nm
Ferritin									
ELISA	DE4408	96	1 h 10 min	5 – 1,000 ng/ml	0.04 ng/ml	1	20 µl	serum, plasma	TMB 450 nm
Homocysteine									
ELISA	DE2925	96	1 h	2 – 50 µmol/l	1 µmol/l	-	25 µl	serum, plasma	NMP 450 nm
hsCRP									
ELISA	DE740011	96	1 h 10 min	0.4 – 10 µg/ml	0.02 µg/ml	-	100 µl	serum, plasma	TMB 450 nm
Neopterin									
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
Plasma Renin Activity (PRA)									
ELISA	DEMSE5600	96	1 h 40 min	0.2 – 60 ng/ml	0.14 ng/ml	2	50 µl	plasma	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
Renin									
ELISA	DE5125	96	3 h 15 min	4 – 128 pg/ml	0.81 pg/ml	2	50 µl	serum, plasma	TMB 450 nm

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List of abbreviations

Abbreviation	Explanation
Ab	antibody
AD	Adrenaline
Ag	antigen
BALF	bronchoalveolar lavage fluid
biol.	biological
ccm	cell culture medium
CSF	cerebrospinal fluid
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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