



PRICE LIST 2018

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Abbreviations used

AH = aqueous humour

@B/C = biopsy/cytology

BAL = bronchoalveolar/tracheal lavage

BM = bone marrow

BS = buccal swab

CS = cloacal swab

CSF = cerebrospinal fluid

CSW = conjunctival swab

EB = EDTA blood

EBS = EDTA blood swab

F = feathers

FC = feces

FS = faecal swab

JF= joint fluid

NS = nasal swab

OSP = oropharyngeal swab

PL = plasma

S = swab

SE = serum

SP = sperm

T = tissue

F/VS = foreskin/vaginal swab

U = urine

INFECTIOUS DISEASE PCRS/Dogs

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	Test	Abbreviations	Analysis	Maximum turnaround time	Price in euros VAT incl.
85	Acanthamoeba spp	B/C	Real-time PCR	1-2 gg	53,68
24	Anaplasma phagocytophilum	EB, B/C, CSF	Real-time PCR	1-2 gg	53,68
70	Anaplasma platys	EB, B/C, CSF	PCR	1-2 gg	53,68
86	Angiostrongilus vasorum	EB	Real-time PCR	1-2 gg	53,68
136	Antibiotic resistance (MRSA)	EB	PCR	1-2 gg	36,60
3	Babesia canis	B/C, EB	Real-time PCR	1-2 gg	53,68
250	Babesia gibsoni	B/C, EB	Real-time PCR	1-2 gg	53,68
36	Bordetella bronchiseptica	NS, BAL	Real-time PCR	1-2 gg	46,97
25	Borrelia burgdorferii	EB, CSF, JF	Real-time TaqMan® PCR	1-2 gg	46,97
37	CAV 2 (canine adenovirus type 2)	NS, OSP, BAL, FC	Real-time PCR	1-2 gg	46,97
32	CCOV (canine coronavirus)	FC	RT Real-time PCR	1-2 gg	53,68
135	Carbapenem antibiotic resistance	EB	PCR	1-2 gg	61,00
137	Cestoda spp	FC	PCR	1-2 gg	46,97
607	Clostridium botulinum	contact lab	PCR	1-2 gg	80,52
35	Cryptosporidium spp.	FC	Real-time PCR	1-2 gg	53,68
100	Cytauxzoon	FC	PCR	1-2 gg	46,97
26	Dirofilaria immitis	EB, B/C	Real-time PCR	1-2 gg	40,26
27	Dirofilaria repens	EB, B/C	Real-time PCR	1-2 gg	40,26
6	Distemper	CSF, EB, OSP	RT Real-time PCR	1-2 gg	51,24
9	Ehrlichia (Anaplasma) spp.	EB, B/C, CSF	Real-time PCR	1-2 gg	53,68
10	Ehrlichia canis	EB, B/C, CSF	Real-time PCR	1-2 gg	53,68

80	Encephalitozoon cunicoli	U, B/C, T	Real-time PCR	1-2 gg	53,68
34	Genotyping Giardia assemblies	FC	Sequence analysis	15 gg	93,94
33	Giardia spp.	FC	Real-time TaqMan® PCR	1-2 gg	53,68
49	Helicobacter spp.	B/C and gastric BAL	Real-time PCR	1-2 gg	53,68
84	Hepatozoon	EB, BM	Real-time PCR	1-2 gg	42,70
22	Herpesvirus	B/C, F/VS	Real-time TaqMan® PCR	1-2 gg	46,97
87	Histoplasma capsulatum	Contact lab	PCR	1-2 gg	61,00
1	Leishmania spp.	B/C, BM, EB	Quantitative PCR Real-time TaqMan®-MGB® PCR	1-2 gg	46,97
4	Leptospirosis	U, B/C, EB	Quantitative real-time TaqMan® PCR	1-2 gg	42,70
71	M haematoparvum (canine haemobartonellosis)	EB	Real-time TaqMan®-MGB® PCR	1-2 gg	53,68
31	M haemocanis (canine haemobartonellosis)	EB	Real-time TaqMan®-MGB® PCR	1-2 gg	53,68
96	Mycobacterium spp	EB	PCR	1-2 gg	122,00
79	Mycoplasma canis	F/VS, CSW	Real-time PCR	1-2 gg	53,68
77	Mycoplasma spp	F/VS, JF, OSP, NS, CSW	Real-time PCR	1-2 gg	53,68
39	Neospora caninum	T, CSF	Real-time TaqMan® PCR	1-2 gg	48,80
38	Parainfluenza	NS, OSP, BAL	RT Real-time nested PCR	1-2 gg	53,68
20	Parvovirus	EB, FC	Quantitative real-time PCR	1-2 gg	46,97
97	Prototheca zopfii and wickerhamii	EB, FC	Real-time PCR	1-2 gg	46,97
17	Rickettsia spp.	EB, B/C, CSF	Real-time TaqMan® PCR	1-2 gg	46,97
72	Screening-haemobartonellosis (M haemocanis, M haematoparvum)	EB	Real-time PCR	1-2 gg	80,52
138	Tenia cyclophyllidean	EB	PCR	1-2 gg	46,97
139	Tenia Hymenolepis	EB	PCR	1-2 gg	46,97
98	Tenia spp	FC	PCR	1-2 gg	46,97
40	Typing-Parvovirus	EB, FC	Sequence analysis	15 gg	93,94
99	Typing-funghi	EB, FC	PCR	15 gg	122,00
7	Toxoplasma gondii	FC, CSF, B/C, AH	Real-time TaqMan® PCR	1-2 gg	46,97
73	Wolbachia spp.	EB, B/C	Real-time TaqMan® PCR	1-2 gg	40,26

INFECTIOUS DISEASE PCRS/Cats

	Test	Abbreviations	Analysis	Maximum turnaround time	Price in euros VAT incl.
28	Bartonella spp. – (scratch disease)	EB	Real-time PCR	1-2 gg	46,97
12	Calicivirus	OSP	RT Real-time nested PCR	1-2 gg	53,68
75	Cand. M haemominutum (haemobartonellosis)	EB	Quantitative real-time TaqMan®-MGB PCR	1-2 gg	53,68

76	Cand. M turicensis (haemobartonellosis)	EB	Quantitative real-time TaqMan®-MGB PCR	1-2 gg	53,68
8	Chlamidophyla felis	CSW, B/C	Real-time PCR	1-2 gg	46,97
607	Clostridium botulinum	contact lab	PCR	1-2 gg	80,52
15	Coronavirus Felino (ricerca mRNA rif. Simons et al., 2005)	EB	RT real-time PCR	1-2 gg	53,68
35	Cryptosporidium spp.	FC	Real-time PCR	1-2 gg	53,68
80	Encephalitozoon cunicoli	U, B/C, T	Real-time PCR	1-2 gg	53,68
16	FCOV (Feline Corona Virus)	FC, effusion	RT Real-time nested PCR	1-2 gg	53,68
13	FELV (Feline Leukemia Virus)	B/C, BM, EB	Real-time TaqMan® PCR	1-2 gg	46,97
14	FIV (Feline Immunodeficiency Virus)	B/C, BM, EB	Real-time PCR	1-2 gg	46,97
34	Giardia assemblages/genotyping	FC	Sequence analysis	15 gg	93,94
33	Giardia spp.	FC	Real-time TaqMan® PCR	1-2 gg	53,68
23	Herpesvirus	F/V/S, EB	Real-time PCR	1-2 gg	46,97
74	M haemofelis (haemobartonellosis)	EB	Quantitative real-time TaqMan®-MGB PCR	1-2 gg	53,68
21	Parvovirus (panleucopenia)	EB, FC	Quantitative real-time PCR	1-2 gg	46,97
11	Screening-haemobartonellosis (M haemofelis, M haemominutum; M turicensis)	B/C, BM, EB	Real-time PCR	1-2 gg	53,68
7	Toxoplasma gondii	FC, CSF, B/C, AH	Real-time TaqMan® PCR	1-2 gg	46,97
81	Tritrichomonas foetus	FC, FS	Real-time nested PCR	1-2 gg	53,68

INFECTIOUS DISEASE PCRS/Horses

Test	Abbreviations	Analysis	Maximum turnaround time	Price in euros VAT incl.	
56	Adenovirus type 1	B/C, S	PCR	1-2 gg	53,68
57	Adenovirus type 2	B/C, S	PCR	1-2 gg	53,68
24	Anaplasma phagocytophilum	EB, B/C, CSF	Real-time PCR	1-2 gg	53,68
58	Arterivirus (infectious arterite)	EB, F/V/S, SP, B/C, T	RT PCR	1-2 gg	53,68
29	Babesia caballi	EB	Real-time PCR	1-2 gg	48,80
61	Clostridium piliforme	FC	PCR	1-2 gg	53,68
64	Coronavirus	FC	Real-time PCR	1-2 gg	53,68
35	Cryptosporidium spp.	FC	Real-time PCR	1-2 gg	53,68
9	Ehrlichia (Anaplasma) spp.	EB, B/C, CSF	Real-time PCR	1-2 gg	53,68
47	EHV 1 (Equine Herpes Virus 1)	EB, S, CSF, B/C, T	Real-time TaqMan® PCR	1-2 gg	53,68
54	EHV 2 (Equine Herpes Virus 2)	EB, S, BAL, B/C, T	Real-time PCR	1-2 gg	53,68
53	EHV 3 (Equine Herpes Virus 3)	EB, S, B/C, T	Real-time PCR	1-2 gg	53,68
48	EHV 4 (Equine Herpes Virus 4)	EB, S, B/C, T	Real-time TaqMan® PCR	1-2 gg	53,68
55	EHV 5 (Equine Herpes Virus 5)	EB, S, B/C, T	Real-time PCR	1-2 gg	53,68
34	Giardia assemblages/genotyping	FC	Sequence analysis	15 gg	93,94

33	Giardia spp.	FC	Real-time TaqMan® PCR	1-2 gg	53,68
60	Habronema microstoma	FC	PCR	1-2 gg	53,68
59	Habronema muscae	FC	PCR	1-2 gg	53,68
49	Helicobacter spp.	B/C e gastric lavage	Real-time PCR	1-2 gg	53,68
51	Influenza A virus	EB	RT PCR	1-2 gg	53,68
4	Leptospirosis	U, B/C, EB	Quantitative real-time TaqMan® PCR	1-2 gg	42,70
62	Rhodococcus equi (rodococcosi)	FC, S, B/C, BAL	PCR	1-2 gg	53,68
65	Rotavirus	FC	RT PCR	1-2 gg	53,68
52	Streptococcus equi subsp. zooepidemicus and subsp. equi	B/C, F/VS	PCR	1-2 gg	61,00
63	Taylorella equigenitalis	F/VS	PCR	1-2 gg	53,68
30	Theileria equi	EB	Real-time PCR	1-2 gg	48,80

INFECTIOUS DISEASE PCRS/Pigs and Cattle

	Test	Abbreviations	Analysis	Maximum turnaround time	Price in euros VAT incl.
249	Bovine Papillomavirus	EB, S, T	PCR	1-2 gg	46,97
44	Porcine Circovirus	B/C, EB	PCR	1-2 gg	46,97
5	PRRSV (Porcine Reproductive Respiratory Syndrome)	B/C, EB, SP	RT Real-time PCR	1-2 gg	53,68

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INFECTIOUS DISEASE PCRS/Birds and Rabbits

	Test	Abbreviations	Analysis	Maximum turnaround time	Price in euros VAT incl.
46	Chlamidia psittaci	EB, FC, CS	Real-time PCR	1-2 gg	46,97
69	Circovirus PBFD (Psittacine Beak and Feather Disease)	EB, FC, CS, T	Real-time PCR	1-2 gg	53,68
80	Encephalitozoon cunicoli	UR, B/C, T	Real-time PCR	1-2 gg	53,68
67	Psittacid Herpesvirus (Pacheco)	EB, FC, CS, T	PCR	1-2 gg	53,68
68	Avian Polyomavirus	EB, FC, CS, T	Real-time PCR	1-2 gg	53,68
91	RHDV Calicivirus/Rabbits	EB, contact lab	PCR	1-2 gg	46,97

INFECTIOUS DISEASE PCR PROFILES

	Test	Abbreviations	Analysis	Maximum turnaround time	Price in euros VAT incl.
200	PCR Profile 1A/dogs - "Arthropod-borne diseases 1" (Leishmania/Ehrlichia spp./Rickettsia spp.)	B/C, BM, EB	Real-time TaqMan® PCR, Real-time PCR	1-2 gg	91,50

246	PCR Profile 1B/dogs "Arthropod-borne diseases 2" (Leishmania/Ehrlichia canis/Rickettsia spp.)	B/C, BM, EB	Real-time TaqMan® PCR, Real-time PCR	1-2 gg	91,50
202	PCR Profile 3/dogs "Neurology" (Distemper/Toxoplasma/ Neospora caninum)	CSF, EB	Real-time TaqMan® PCR, RT Real-time nested PCR	1-2 gg	115,90
204	PCR Profile 4/dogs - "Tick-borne diseases" (Babesia spp./Ehrlichia canis /Rickettsia spp.)	EB, B/C, CSF	Real-time TaqMan® PCR, Real-time PCR	1-2 gg	91,50
203	PCR Profile 5/dogs - "Expanded tick-borne diseases" (Babesia spp./Ehrlichia canis /Rickettsia spp./Borrelia burgdorferii)	EB, B/C, CSF	Real-time TaqMan® PCR, Real-time PCR	1-2 gg	103,70
205	PCR Profile 6A/dogs - "Filariosis" (Dirofilaria immitis, Dirofilaria repens)	EB, B/C	Real-time PCR	1-2 gg	48,80
248	PCR Profile 6B/dogs "Filariosis new panel" (Dirofilaria immitis, Wolbachia)	EB	Real-time TaqMan® PCR, Real-time PCR	1-2 gg	61,00
207	PCR Profile 7/dogs - "Intestinal protozoa" (Cryptosporidium, Giardia)	FC	Real-time TaqMan® PCR, Real-time PCR	1-2 gg	85,40
208	PCR Profile 8/dogs - "Intestinal" (CCOV, Parvovirus, Giardia)	FC	Real-time TaqMan® PCR, RT Real-time PCR	1-2 gg	109,80
209	PCR Profile 9/dogs - "Expanded intestinal" (CCOV, Parvovirus, Giardia, Cryptosporidium)	FC	Real-time PCR, RT Real-time PCR, Real-time TaqMan® PCR	1-2 gg	122,00
210	PCR Profile 10/dogs - "Respiratory" (Distemper, CAV2, Bordetella bronchiseptica, Parainfluenza)	EB, BAL, NS,OSP, CSW	RT Real-time nested PCR, Real-time PCR, RT Real-time PCR	1-2 gg	122,00
211	PCR Profile 11/dogs - "Zoonoses/dogs" (Leptospirosis, Giardia, Cryptosporidium)	FC, U	Real-time PCR, real-time TaqMan® PCR	1-2 gg	91,50
230	PCR Profile 1A/cats "Neurology 1" (Toxoplasma/FIP)	CSF+EB; only EB	RT Real-time PCR, Real-time TaqMan® PCR	1-2 gg	79,30
239	PCR Profile 1B/cats "Neurology 2" (Toxoplasma/FCOV)	CSF+EB; effusion	RT Real-time PCR, Real-time TaqMan® PCR	1-2 gg	79,30
231	PCR Profile 2A/cats "Viral diseases 1" (FIP/FELV/FIV)	EB, BM, B/C	RT Real-time PCR, Real-time TaqMan® PCR, Real-time PCR	1-2 gg	97,60
240	PCR Profile 2B/cats "Viral diseases 2" (FCOV/FELV/FIV)	Effusion; EB, BM, B/C	RT Real-time PCR, Real-time TaqMan® PCR, Real-time PCR	1-2 gg	97,60
232	PCR Profile 3/cats "Anemia" (hemobartonellosis feline/FELV/FIV)	B/C, BM, EB	Real-time PCR, real-time TaqMan® PCR	1-2 gg	97,60
233	PCR Profile 4/cats "Ophthalmologic-respiratory" (calicivirus/herpesvirus/ Chlamidophyla felis)	B/C, CSW, EB	RT Real-time nested PCR, Real-time PCR	1-2 gg	97,60
234	PCR Profile 5/cats "Filariosis" (Dirofilaria immitis, Dirofilaria repens)	EB, B/C	Real-time PCR	1-2 gg	48,80
235	PCR Profile 6/cats - "Intestinal protozoa" (Cryptosporidium, Giardia)	FC	Real-time PCR, real-time TaqMan® PCR	1-2 gg	85,40
236	PCR Profile 7/cats - "Zoonoses/cats" (Toxoplasmosis, Cryptosporidium, Giardia, Bartonella spp.)	FC and EB	Real-time PCR, real-time TaqMan® PCR	1-2 gg	109,80
237	PCR Profile 8/cats "Hemotropic Mycoplasm" (M haemophilis, Candidatus M haemominutum, Candidatus M turicensis)	EB	real-time TaqMan®-MGB PCR	1-2 gg	97,60

238	PCR Profile PCR 1/horses "Piroplasidi" (Theileria equi, Babesia caballi)	EB	Real-time PCR	1-2 gg	61,00
241	PCR Profile 2/horses "Reproduction" (EHV1, Streptococcus equi subsp. zooepidemicus, Taylorella equigenitalis, arterite)	F/VS, SP	PCR, RT PCR, real-time real-time TaqMan® PCR	1-2 gg	115,90
242	PCR Profile 3/horses "Respiratory" (EHV1, EHV4, Rodococcus equi, Streptococcus equi subsp. zooepidemicus and equi)	NS, OSP, BAL	PCR, real-time TaqMan® PCR	1-2 gg	115,90
243	PCR Profile 1/birds (PBFDF, polyomavirus (Pacheco's Disease))	EB, FC, CS, T	PCR, Real-time PCR	1-2 gg	85,40
244	PCR Profile 2/birds (PBFDF, polyomavirus (Pacheco's Disease), Chlamydia psittaci)	EB, FC, CS, T	PCR, Real-time PCR	1-2 gg	91,50
245	PCR Profile 3/birds (PBFDF, polyomavirus, Chlamydia psittaci, genetic sexing)	EB, FC, CS, T	Gene scanning, Real-time PCR	15 gg	97,60

GENETIC DISEASES

Matrix analysis for all genetic diseases: EB, 2 X S, 1 X EBS

	Test	Breeds	Analysis	Maximum turnaround time	Price in euros VAT incl.
461	AD-PRA	Bullmastiff, English Mastiff, Mastiff (Old English)	Sequencing	15 gg	67,10
574	Adult Onset Neuropathy (AON)*	Cocker Spaniel Inglese	Sequencing	15 gg	100,00
493	Analysis SOD1 gene exon 2	All dogs breeds	Sequencing	5-7 gg	36,60
559	Analysis SOD1 gene exon 1	Bernese Mountain Dog	DHPLC, Heteroduplex analysis	10 gg	73,20
555	Bernard Soulier Syndrome (BSS)	Cocker Spaniel	Sequencing	15gg	67,10
513	Blood Group DNA test	All cats breeds	Serolog test	1 g	36,60
496	Blood Group genetic test	All cats breeds (Ragdoll excluded)	GeneScanning + Sequencing	10 gg	67,10
422	CLAD (Canine Leucocyte Adhesion deficiency)	Irish Setter	Sequencing	15 gg	73,20
577	CMR 1 (Canine multifocal retinopathy) (dogs)	American Bulldog, Australian Shepherd, Bullmastiff, Cane Corso, Dogue de Bordeaux, English Bulldog, English Mastiff, French Bulldog, Great Pyrenees	Sequencing	15 gg	67,10
578	CMR 2 (Canine multifocal retinopathy)	Coton de Tulear	Sequencing	15 gg	67,10
445	CNM (Hereditary Myopathy)	Labrador Retriever	Fragment analysis	7 gg	48,80
457	Coat colour-Agouti	All cats breeds	Sequencing	10 gg	36,60
570	Coat colour-Charcoal	Bengal	Sequencing	10 gg	42,70
456	Coat colours-Cinnamon/Chocolate	All cats breeds	Sequencing	10 gg	36,60

458	Coat colours-Siamese/Burmese cats	All cats breeds	Sequencing	10 gg	36,60
544	Coat colour-Ambra	Norwegian Forest cat	Sequencing	15 gg	42,70
523	Coat colour Locus A - Agouti (allele Y, TAN, NON AGOUTI)	All dogs breeds	Sequencing	10 gg	36,60
433	Coat colour Locus B (Chocolate, Brown,...)	All dogs breeds	Sequencing	10 gg	36,60
432	Coat colour Locus E (Yellow, Apricot,...)	All dogs breeds	Real-time TaqMan® PCR	5-7 gg	36,60
497	Coat colour Locus Em (Melanistic Mask Allele)	All dogs breeds	Sequencing	10 gg	36,60
573	Coat colour Locus H (Harequin coat colour)	All dogs breeds	Sequencing	15 gg	36,60
524	Coat colour Locus K	All dogs breeds	Sequencing	10 gg	36,60
486	Coat colour Tobiano	All horses breeds	Fragment analysis	7 gg	42,70
552	Collie Eye Anomaly (CEA)*	Australian Shepherd, Border Collie, Collie, English Shepherd, Lancashire Heeier, Miniature American Shepherd, Miniature Australian Shepherd, Whippet	Sequencing	15 gg	67,10
657	Conjunctivitis/ Ligneous membranitis	Maltese	Sequencing	15 gg	67,10
594	Copper toxicosis predisposition ATP7a	Labrador retriever	Sequencing	15 gg	67,10
595	Copper toxicosis predisposition ATP7b	Labrador retriever	Sequencing	15 gg	67,10
591	Cord1-PRA*	Miniature Dachshunds, English Springer Spaniels, Curly Coated Retriever	Sequencing	15 gg	67,10
558	Crd-PRA	Miniature Wire haired Dachshund, Standard Wire haired Dachshund	Sequencing	15 gg	95,00
435	Curly	All dogs breeds	Sequencing	15 gg	67,10
405	Cystinuria	Newfoundland, Landseer	Sequencing	15 gg	67,10
539	Cystinuria	Miniature Pinscher	Sequencing	15 gg	67,10
588	Cystinuria	Australian Cattle Dog	Sequencing	15 gg	67,10
666	Degenerative Myelopathy *	All dogs breeds		21 gg	95,00
667	Degenerative Myelopathy Laboklin*	All dogs breeds		21 gg	122,00
602	DNA Banking	All dogs breeds	Storage of a sample	1-2 gg	12,20
472	Dilution coat colours- dogs	All dogs breeds	Sequencing	10 gg	67,10
467	Dilution coat colours - cats	All cats breeds	GeneScanning	10 gg	48,80
526	Dry Eye Curly Coat Syndrome (CCS)	Cavalier King Charles Spaniel	GeneScanning	15 gg	67,10
450	EIC (Exercise-Induced Collapse)	Labrador, Pembroke Welsh Corgi, Old English Sheepdog, German Wirehaired Pointer, English Cocker Spaniel, Curly Coated Retriever, Chesapeake Bay Retriever, Boykin Spaniel, Bovo delle fiandre, American Cocker Spaniel	Sequencing	7-10 gg	73,20

479	Epidermolysis Bullosa Junctional (EBJ)	German Pointer, German Shorthaired Pointer, German Wirehaired Pointer, Golden Retriever	Fragment analysis	7 gg	67,10
525	Episodic Falling (EF)*	Cavalier King Charles Spaniel	GeneScanning	15 gg	67,10
406	Factor VII Deficiency	Beagle, Alaskan Klee Kai, Scottish Deerhound	Sequencing	15 gg	67,10
409	Factor XI Deficiency	Kerry Blue Terrier	Sequencing	15 gg	67,10
485	Familial Nephropathy	English Cocker Spaniel	Sequencing	10 gg	67,10
538	Forensic Genetic Profile	Contact lab	GeneScanning	15 gg	122,00
459	Forensic Genetic Profile ISAG	All horses breeds	GeneScanning	15 gg	48,80
410	Fucosidosis	English Springer Spaniel	Sequencing	15 gg	67,10
537	Furnishing	All dogs breeds	Sequencing	10 gg	36,60
468	Gangliosidosis GM1	Burmese, Domestic Shorthair, Siamese, Korat	Sequencing	15 gg	67,10
478	Gangliosidosis GM2	Burmese	Sequencing	15 gg	67,10
470	Gangliosidosis GM2	Domestic Shorthair	Sequencing	15 gg	67,10
469	Gangliosidosis GM2	Japanese Shorthair	Sequencing	15 gg	67,10
535	Gangliosidosis type 1 GM1	Shiba Inu, Alaskan Husky	GeneScanning	15 gg	67,10
540	Gangliosidosis type 1 GM1*	Portuguese Water Dog	Sequencing	15 gg	67,10
460	Genetic Profile panel ISAG	All cats breeds	GeneScanning	15 gg	48,80
465	Genetic Profile panel ISAG 2008	All dogs breeds	GeneScanning	15 gg	48,80
589	Genetic Profile*	All parrot breeds		15 gg	48,80
423	Glycogen Storage Disease (GSD) type IA	All dogs breeds	Sequencing	15 gg	67,10
419	Glycogen Storage Disease (GSD) type IV	Norwegian Forest cats	GeneScanning	15 gg	67,10
528	GRPRA1	Golden Retriever	Sequencing	15 gg	67,10
564	GRPRA2*	Golden Retriever		15 gg	85,40
568	Hemophilia B	Rhodesian Ridgeback	Sequencing	15 gg	67,10
443	Hereditary Cataracts	Boston Terrier, Australian Shepherd, Staffordshire Bull Terrier	GeneScanning	10 gg	73,20
522	Hereditary Nasal Parakeratosis (HNPK)*	Labrador Retriever		15 gg	130,54
509	Hypercalemic Periodic Paralysis (HYPP)	All horses breeds	Sequencing	15 gg	67,10
518	Hypertrophic Cardiomyopathy (HCM) A31P	Maine Coon	Real-time TaqMan® PCR	5-7 gg	42,70
421	Hypertrophic Cardiomyopathy (HCM) A31P e A74T	Maine Coon	Sequencing	15 gg	54,90
454	Hypertrophic Cardiomyopathy	Ragdoll	Real-time TaqMan® PCR	5-7 gg	42,70
576	Hyperuricosuria	All dogs breeds	Sequencing	15gg	67,10
411	Hypothyroidism	Fox Terrier	GeneScanning	15 gg	67,10
543	Ichthyosis	Golden retriever	Sequencing	15 gg	67,10
542	Imerslund-Gräsbeck syndrome (IGS)	Beagle	GeneScanning	10 gg	73,20
585	Imerslund-Gräsbeck syndrome (IGS)	Border Collie	GeneScanning	10 gg	67,10
582	Juvenile Laryngeal Paralysis and Polyneuropathy (JLPP)	Rottweiler, Balck Russian Terrier	Sequencing	15 gg	73,20
508	Juvenile Epilepsy (JE)	Lagotto Romagnolo	DHPLC, Heteroduplex	7 gg	67,10

			analysis		
567	Juvenile Myoclonic Epilepsy (JME)	Rhodesian Ridgeback	Sequencing	15 gg	67,10
476	L-2-HGA (hydroxyglutaric aciduria)	Staffordshire Bull Terrier	Sequencing	10 gg	67,10
580	Late onset ataxia (LOA)	Jack Russell Terrier, Parson Russell Terrier	Sequencing	15 gg	73,20
494	Long coat disease	All dogs breeds (than for Eurasier, Akita, Afghan hound)	GeneScanning + Sequencing	10 gg	67,10
455	Long coat disease	All cats breeds	GeneScanning + Sequencing	10 gg	67,10
545	Lysosomal storage disease (LSD)	Lagotto romagnolo	Sequencing	10 gg	67,10
586	Macrothrombocytopenia	Cavalier King Charles	Sequencing	15 gg	67,10
444	MDR1 Gene Defect (Ivermectin Sensitivity)	Australian Shepherd, Bobtail, Border Collie, German Shepherd, Long-/Shorthair Collie, Longhaired Whippet, McNab, Shetland Sheepdog, Silken Windhound, White Shepherd	GeneScanning	7-10 gg	73,20
550	Malignant Hyperthermia (RYR)	Labrador Retriever, Pointer, GreyHound	Sequencing	15gg	73,20
420	Mannosidosis	Persian	GeneScanning	15 gg	67,10
427	Muscular dystrophy	Landseer	Sequencing	15 gg	67,10
575	Muscular dystrophy	Golden Retriever	Sequencing	15 gg	67,10
434	Muscular dystrophy	Cavalier King Charles Spaniel	Sequencing	15 gg	67,10
532	Myotonia Congenita	Australian Cattle Dog	Sequencing	15 gg	73,20
415	Myotonia Congenita	Miniature Schnauzer	Sequencing	15 gg	67,10
412	Mucopolysaccharidosis (MPS) IIIB	Schipperke	Sequencing	15 gg	67,10
413	Mucopolysaccharidosis (MPS) VI	Miniature Pinscher	Sequencing	15 gg	67,10
451	Mucopolysaccharidosis (MPS) VI	Siamese, Domestic Shorthair	Sequencing	15 gg	67,10
452	Mucopolysaccharidosis (MPS) VII	Domestic Shorthair	Sequencing	15 gg	67,10
414	Mucopolysaccharidosis (MPS) VII	German Shepherd, Mixed breed	Sequencing	15 gg	67,10
515	Musladin-Lueke Syndrome (MLS)	Beagle	Sequencing	15 gg	67,10
592	Myostatin Deficiency*	Whippet		15 gg	73,20
579	Narcolepsy	Dachshund	Sequencing	15 gg	67,10
590	Narcolepsy	Dobermann	Sequencing	15 gg	67,10
534	Narcolepsy	Labrador Retriever	Sequencing	15 gg	67,10
527	Neonatal Cerebellar Cortical Degeneration (NCCD)	Beagle	GeneScanning	15 gg	67,10
533	Neuronal Ceroid Lipofuscinosis 5 (NCL-5)	Border Collie	Sequencing	15 gg	67,10
530	Neuronal Ceroid Lipofuscinosis 8 (NCL-8)	English Setter	Sequencing	15 gg	67,10
428	Neuronal Ceroid Lipofuscinosis (NCL-A)*	American Staffordshire Terrier		15 gg	67,10
439	Osteo chondrodystrophia deformans	All cats breeds	Sequencing	15 gg	67,10
532	Osteogenesis Imperfecta	Dachshund	Sequencing	15 gg	67,10
510	Overo Lethal White Foal	All horses breeds	Sequencing	15 gg	67,10

Syndrome (OLWS)					
416	Phosphofructokinase deficiency (PFKD)	American Cocker Spaniel, English Cocker Spaniel, English Springer Spaniel, Whippet	Sequencing	15 gg	67,10
429	Pituitary Dwarfism	German Shepherd, Czechoslovakian Wolfdog, Saarloos Wolfdog	GeneScanning	10 gg	67,10
417	PK Deficiency (Pyruvate Kinase Deficiency)	Beagle, Labrador, Pug	Sequencing	10 gg	67,10
655	PK Deficiency (Pyruvate Kinase Deficiency)	Basenji	Sequencing	10 gg	67,10
656	PK Deficiency (Pyruvate Kinase Deficiency)	West Highland White Terrier	Sequencing	10 gg	67,10
453	PK Deficiency (Pyruvate Kinase Deficiency)	Abyssinian, Bengala, Domestic Shorthair, Domestic Longhair, Egyptian Mau, La Perm, Maine coon, Norwegian Forest, Ocicat, Savannah, Siberian, Singapura, Somali	Sequencing	10 gg	67,10
400	Polycystic Kidney Disease (PKD)	Angora, Birman, British Short-e Longhair, Chartreux, Colourpoint, Exotic Shorthair, Maine Coon, Persian and related breeds, Ragdoll, Scottish Fold, Selkirk Rex, Siamese	Real-time TaqMan® PCR	5-7 gg	36,60
596	Polyneuropathy*	Greyhound		15 gg	67,10
519	Progressive retinal atrophy (prcd-PRA)*	All dogs breeds		15 gg	95,00
560	PRA1	Papillon	Sequencing	15 gg	73,20
463	PRA-rcd 1	Irish setter	Sequencing	15 gg	146,40
464	PRA-rcd 3	Cardigan Welsh Corgi	GeneScanning	15 gg	146,40
584	PRA generalized*	Schapendoes		15 gg	70,00
658	Primary open angle glaucoma (POAG)	Basset Fauve	PCR	15 gg	67,10
659	Primary open angle glaucoma (POAG)	Basset Hound	PCR	15 gg	67,10
569	Primary open angle glaucoma (POAG)	Beagle	PCR	15 gg	67,10
506	Primary Lens Luxation (PLL)	Amer. Eskimo Dog, Amer. Hairless Terrier, Austr. Cattle Dog, Chinese Crested Dog, Chinese Foo Dog, Fox Terrier, Jack Russell Terrier, Jagdterrier, Lakeland Terrier, Lancashire Heeler, Lucas Terrier, Miniature Bull Terrier, Norfolk Terrier, Norwich Terrier, Parson Russell Terrier, Patterdale Terrier, Pug Dog, Rat Terrier, Sealyham Terrier, Teddy Roosevelt Terrier, Tenterfield Terrier, Tibet Terrier, Toy Fox Terrier, Italian Fox Terrier, Welsh Terrier, Westphalia Terrier, Yorkshire Terrier	DHPLC, Heteroduplex analysis	7 gg	67,10

471	Progressive Retinal Atrophy (rdAc)	Abyssinian, American Curl, American Wirehair, Balinese, Bengal, Colorpoint Shorthair, Cornish Rex, Javanese, Munchkin, Ocicat, Oriental Shorthair, Peterbald, Siamese, Singapura, Somali, Tonkinese	Sequencing	15 gg	67,10
426	RDY Early Onset with Dysplasia	Abyssinian	Sequencing	15 gg	67,10
446	Renal Cystadenocarcinoma	German Shepherd	Sequencing	15 gg	73,20
548	Resistance to phenobarbital gene ABCB1	Contact lab	Sequencing	15gg	73,20
556	Research genetic marker Blue Merle	All dogs breeds	Fragment analysis	15gg	73,20
401	Sex determination	All parrot breeds	Genescanning	15 gg	46,97
418	Severe Combined Immune-deficiency (SCID)	Welsh corgi	GeneScanning	15 gg	67,10
620	Severe Combined Immune-deficiency (SCID)	All horses breeds	Sequencing	15gg	67,10
572	Skeletal Dysplasia 2	Labrador Retriever	GeneScanning	15 gg	67,10
511	Short Tail (Bobtail)	Australian shepherd, Austrian Pinscher, Australian Stumpy Tail Cattle Dog, Bourbonnais Pointer, Brazilian Terrier, Brittany Spaniel, Croatian Sheepdog, Danish Farmdog, Swedish Farmdog, Jack Russell Terrier, Karelian Bear Dog, Mudi, Polish Lowland Sheepdog, Pyrenean Shepherd, Savoy Sheepdog, Schipperke, Spanish Water Dog, Swedish Vallhund	Sequencing	15 gg	67,10
495	Spinal Muscular Atrophy (SMA)	Maine Coon	Sequencing	7 gg	48,80
581	Spinocerebellar ataxia (SCA)	Jack Russell Terrier, Parson Russell Terrier, Tenterfield Terrier, Toy Fox Terrier, Smooth haired fox terrier	Sequencing	15 gg	67,10
531	Trapped Neutrophil Syndrome (TNS)	Border Collie	Sequencing	15 gg	67,10
477	Thrombopathy	Basset Hound	Genescanning	15 gg	67,10
477	Thrombopathy	Eskimo Spitz	Sequencing	15 gg	67,10
541	Thrombopathy	Landseer	Sequencing	15 gg	67,10
447	Von Willebrand disease type I	Doberman, Bernese, Coton de Tuler, Pinscher, Kerry Blue Terrier, Manchester Terrier, Pembroke Welsh Corgi, Poodle, Shetland sheepdog	Genotyping TaqMan®/MGB	5-7 gg	73,20
448	Von Willebrand disease type II	Deutsch Drahthaar, German Shorthaired Pointer, German Wirehaired Pointer	Sequencing	15 gg	73,20
449	Von Willebrand disease type III	Scottish Terrier	GeneScanning	15 gg	73,20
466	Von Willebrand disease type III	Shetland Sheepdog	GeneScanning	15 gg	73,20
441	X-linked PRA 1	Samoyed, S.Husky	GeneScanning	15 gg	146,40

TaqMan® is a registered trademark of the Roche Molecular System

GENETIC DISEASE PROFILES for Dogs and Cats

Test	Maximum turnaround time	Price in euros VAT incl.
Profile Australian Sheperd (CEA* + Sod1 Gene Exon 2 + MDR1 + Prcd-PRA + Malignant Hyperthermia + hereditary cataract)	15 gg	180,00
Profile-Lagotto Romagnolo (Juvenile epilepsy (JE) + Lysosomal Storage Disease (LSD) + Furnishing)	5-7 gg	110,00
Profile-Beagle (Musladin Lueke Syndrome (MLS) + Factor VII Deficiency + Neonatal Cerebellar Cortical Degeneration (NCCD) + POAG + IGS + PK Deficiency)	15 gg	126,00
Profile-Saarloos Wolfdog (Sod 1 Gene Exon 2 + Dwarfism)	15 gg	126,00
Profile-Dobermann 1 (Sod1 Gene Exon 2 + Coat dilution + Von Willebran I Disease)	15 gg	126,00
Profile-Dobermann 2 (Coat dilution + Von Willebran I Disease)	15 gg	91,50
Profile-Dobermann 3 (Coat dilution + Von Willebran I Disease + Locus B)	15 gg	126,00
Profile-Lupo Cecoslovacco 1 (Sod1 Gene Exon 2 + Dwarfism)	15 gg	85,00
Profile-Lupo Cecoslovacco 2 (Sod1 Gene Exon 2 + Dwarfism + Long coat disease)	15 gg	110,00
Profile-Cavalier King Charles Spaniel - Dry Eye Curly Coat Syndrome (CCS) + Episodic Falling (EF)	15 gg	85,00
Profile-English Cocker Spaniel (Familial Nephropathy (FN) + Prcd-PRA* + Bernard Soulier Syndrome (BSS))	15 gg	165,00
Profile-Golden Retriever (GRPRA1 + GRPRA2* + Prcd-PRA* + Sod1 Gene Exon 2 + Ichthyosis)	15 gg	180,00
Profile-Labrador Retriever (CNM + Sod1 Gene Exon 2 + EIC + HNPk* + Prcd-PRA* + Dwarfism SD2)	15 gg	180,00
Profile Collie (Gene Sod1 Exon 2 + CEA* + MDR1)	15 gg	126,00
Profile-Border Collie (Sod1 Gene Exon 2+ MDR1 + CEA* + IGS + NCL + TNS)	15 gg	126,00
Profile-Australian Shepherd (CEA* + Sod1 Gene Exon 2 + hereditary cataract + MDR1 + Malignant Hyperthermia + Prcd-PRA*)	15 gg	180,00
Profile-Schipperke 1 (MDR1 + MPS IIIB + Sod1 Gene Exon 2 + Prcd-Pra* + Bobtail + DNA Banking)	15 gg	220,00
Profile-Schipperke 2 (MDR1 + MPS IIIB)	15 gg	110,00
Profile-Schipperke 3 (MDR1 + MPS IIIB + DNA Banking)	15 gg	115,00
Profile Rhodesian Ridgeback (Sod1 Gene Exon 2 + + JME + Hemophilia B)	15 gg	110,00
Profile Staffordshire Bull Terrier (L2H2 + Hereditary Cataracts)	15 gg	110,00
Profile Landseer (Sod1 Gene Exon 2 + Muscular dystrophy + Thrombopathy + Cystinuria)	15 gg	126,00
Genetic profile 1-cats PKD + PKDef + HCM 1 mutation (Maine Coon or Ragdoll)	15 gg	110,00
Genetic profile 2-cats PKDef + PKD + Spinal Muscular Atrophy (SMA)	15 gg	120,00

Genetic profile 3-cats

Serologic blood type grouping + genetic blood group typing

15 gg

95,00

*Test carried out at a partner laboratory

URGENCY: test carried out in 5 working days (+ 30% over the cost of the analysis). Analyses sent to partner laboratories are excluded.

VETERINARY MOLECULAR-ONCOLOGY DISEASES

Test	Abbreviations	Analysis	Maximum turnaround time	Price in euros VAT incl.
611 Minimal residual disease (MRD)	B/C, BM, EB	Real-time PCR	2 gg	46,97
616 Clonality test - B and T cell receptors - cats	B/C, BM, EB	PCR + GeneScanning	15 gg	122,00
403 Clonality test - B and T cell receptors - dogs	B/C, BM, EB	PCR + GeneScanning	15 gg	122,00
442 ITD c-kit Point Mutation exon 11 in canine mastocytoma (ITD, insertions and deletions)	B/C, EB	PCR + GeneScanning	10 gg	85,40
473 ITD c-kit Point Mutation exon 8 in canine mastocytoma	B/C, EB	PCR + GeneScanning+ Sequencing	10 gg	85,40
474 ITD c-kit Point Mutation exon 9 in canine mastocytoma	B/C, EB	PCR + Sequencing	10 gg	85,40
429 ITD c-kit Point Mutation exon 17 in canine mastocytoma	B/C, EB	PCR + Sequencing	10 gg	85,40
475 Panel of c-kit receptor mutations- canine mastocytoma exons 8, 9, 11, 17	B/C, EB	PCR + GeneScanning+ Sequencing	15 gg	146,40
498 ITD c-kit Point Mutation exon 11 in feline mastocytoma (ITD, insertions and deletions)	B/C, EB	PCR + GeneScanning + sequencing	10 gg	85,40
499 ITD c-kit Point Mutation exon 8 in feline mastocytoma (ITD, insertions and deletions)	B/C, EB	PCR + Sequencing	10 gg	85,40
504 ITD c-kit Point Mutation exon 9 in feline mastocytoma (ITD, insertions and deletions)	B/C, EB	PCR + Sequencing	10 gg	85,40
505 Panel of c-kit receptor mutations- feline mastocytoma exons 8, 9, 11	B/C, EB	PCR + GeneScanning+ Sequencing	15 gg	146,40
612 Clonality typing	B/C, BM, EB	Sequencing	15 gg	93,94
668 Mutation gene braf of transitional cells in the urinary bladder	B/C, EB	PCR + Sequencing	15 gg	67,10

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URGENZA: test carried out in 5 working days (+ 30% over the cost of the analysis). Analyses sent to partner laboratories are excluded.

SEROLOGY-IMMUNOFLUORESCENCE DISEASES

Test	Abbreviations	Analysis	Maximum turnaround time	Price in euros VAT incl.
310 Ana test	SE, PL	IFA	1 g	36,60
109 Anaplasma phagocytophilum (HGE) IgG	SE, PL	IFA	1 g	36,60

110	Anaplasma phagocytophilum (HGE) IgM	SE, PL	IFA	1 g	36,60
103	Babesia caballi IgG	SE, PL	IFA	1 g	36,60
117	Babesia caballi IgM	SE, PL	IFA	1 g	36,60
115	Babesia canis IgG	SE, PL	IFA	1 g	36,60
102	Babesia equi IgG	SE, PL	IFA	1 g	36,60
106	Babesia equi IgM	SE, PL	IFA	1 g	36,60
251	Babesia mdri IgG	SE, PL	IFA	1 g	36,60
252	Babesia gibsoni IgM	SE, PL	IFA	1 g	36,60
127	Bartonella henselae IgG	SE, PL	IFA	1 g	36,60
130	Bartonella henselae IgM	SE, PL	IFA	1 g	36,60
104	Borrelia burgdorferii IgG	SE, PL	IFA	1 g	30,50
105	Borrelia burgdorferii IgM	SE, PL	IFA	1 g	30,50
132	Canine Herpesvirus IgG	SE, PL	IFA	1 g	48,80
118	Distemper IgG	SE, PL, CSF	IFA	1 g	36,60
119	Distemper IgM	SE, PL, CSF	IFA	1 g	36,60
107	Ehrlichia canis IgG	SE, PL	IFA	1 g	36,60
108	Ehrlichia canis IgM	SE, PL	IFA	1 g	36,60
133	Equine Herpesvirus 1,4 IgG	SE, PL	IFA	1 g	48,80
116	FIPV IgG	SE, PL	IFA	1 g	30,50
101	Leishmania IgG	SE, PL	IFA	1 g	31,72
122	Neorickettsia risticii IgG	SE, PL	IFA	1 g	36,60
113	Neospora caninum IgG	SE, PL	IFA	1 g	36,60
114	Neospora caninum IgM	SE, PL	IFA	1 g	36,60
128	Canine Parvovirus IgG	SE, PL	IFA	1 g	36,60
131	Rickettsia conorii IgG	SE, PL	IFA	1 g	30,50
134	Rickettsia conorii IgM	SE, PL	IFA	1 g	30,50
120	Rickettsia rickettsii IgG	SE, PL	IFA	1 g	30,50
121	Rickettsia rickettsii IgM	SE, PL	IFA	1 g	30,50
111	Toxoplasma gondii IgG	SE, PL	IFA	1 g	30,50
112	Toxoplasma gondii IgM	SE, PL	IFA	1 g	30,50

SEROLOGY-IMMUNOFLUORESCENCE PROFILE DISEASES

Test	Abbreviations	Analysis	Maximum turnaround time	Price in euros VAT incl.	
304	Distemper IgG-IgM	SE, PL	IFA	2 gg	64,05
305	Neospora caninum IgG-IgM	SE, PL	IFA	2 gg	64,05
354	Serology profile "Vaccination/ dogs" Parvovirus – Distemper IgG	SE, PL	IFA	2 gg	64,05
301	Serology profile 1/dogs "Arthropod-borne diseases" (Leishmania, Ehrlichia canis, Rickettsia rickettsii)	SE, PL	IFA	2 gg	87,84
302	Serology profile 2/dogs "Tick-borne diseases" (Babesia canis/Ehrlichia canis / Rickettsia rickettsii)	SE, PL	IFA	2 gg	87,84
303	Serology profile 3/dogs "Neurological" (Distemper, Toxoplasma gondii, Neospora caninum)	SE, PL	IFA	2 gg	87,84

351	Serology profile 1A/horses "Piroplasmosis" (Babesia equi IgG, Babesia caballi IgG)	SE, PL	IFA	2 gg	64,05
331	Serology profile 1B/horses "Piroplasmosis 2" (Babesia equi IgG e IgM, Babesia caballi IgG and IgM)	SE, PL	IFA	2 gg	91,50
352	Serology profile 2/horses "Tick-borne diseases" (Babesia equi IgG, Babesia caballi IgG, Anaplasma phagocytophilum IgG)	SE, PL	IFA	2 gg	88,69
306	Toxoplasma gondii IgG-IgM	SE, PL	IFA	2 gg	51,24