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LABOGEN
GENETIC TESTING BY LABOKLIN

Price catalogue genetics

DOG CAT HORSE

July 2019

Hereditary diseases · Coat colour · Coat length · DNA profiling
Parentage analysis · Test combinations · Blood group

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Genetics Dog

Hereditary diseases

(Sample material: 0.5 - 1 ml EDTA blood, buccal swabs)

		Turnaround time (business days)	Price for owners in €	Price for breeders in €**
8552	**Acatalasemia** Beagle	7-14	59.50	46.00
8166	**Achromatopsia (day blindness)** (ACHM) German Shepherd, Labrador Retriever	7-14	59.50	46.00
8595	**Acute respiratory distress syndrome** (ARDS) Dalmatian	7-14	59.50	46.00
8038	**Acral mutilation syndrome** (AMS) English Cocker Spaniel, English Pointer, English Springer Spaniel, French Spaniel, German Shorthaired Pointer	3-5	59.50	46.00
8313	**Alaskan Husky encephalopathy** (AHE) Husky	7-14	59.50	46.00
8479	**Alaskan Malamute polyneuropathy** (AMPN) Alaskan Malamute	3-5	59.50	46.00
8601	**Alexander disease** (AxD) Labrador Retriever	7-14	59.50	46.00
8303	**Amelogenesis imperfecta** (Familial enamel hypoplasia) (FEH) Akita, American Akita, Italian Greyhound, Parson Russell Terrier, Samoyed	7-14	59.50	46.00
8207	**Bardet-Biedl syndrome** (BBS) Puli	7-14	59.50	46.00
8219	**Brachyuria** (stumpy tail) Australian Shepherd, Australian Stumpy Tail Cattle Dog, Austrian Pinscher, Bourbonnais Pointer, Bouvier des Ardennes, Brazilian Terrier, Brittany Spaniel, Croatian Sheepdog, Danish/Swedish Farmdog, Jack Russell Terrier, Karelian Bear Dog, Mudi, Polish Lowland Sheepdog, Pyrenean Shepherd, Savoy Sheepdog, Schipperke, Spanish Waterdog, Swedish Vallhund, Welsh Corgi	3-5	59.50	46.00
8184	**C3 deficiency** (C3) Brittany Spaniel	7-14	59.50	46.00
8012	**Canine leukocyte adhesion deficiency** (CLAD) Irish Setter, Irish Red & White Setter	3-5	59.50	46.00
8330	**Canine multi-focal retinopathy** (CMR1/2/3) American Bulldog, Australian Shepherd, Boerboel, Bullmastiff, Cane Corso, Coton de Tulear, Dogo Canario, Dogue de Bordeaux, English Bulldog, Finnish Lapphund, French Bulldog, Lapponian Herder, Mastiff, Pyrenean Mountain Dog, Swedish Lapphund	3-14	77.50	60.00
8575	**Canine multiple system degeneration** (CMSD) Chinese Crested, Kerry Blue Terrier	7-14	59.50	46.00
8073	**Centronuclear myopathy** (CNM) German Hunting Terrier, Great Dane, Labrador Retriever	3-14	59.50	46.00

		Turnaround time (business days)	Price for owners in €	Price for breeders in €**
8314	**Cerebral dysfunction** (CDFS) Stabyhoun	3-14	59.50	46.00
8294	**Chondrodysplasia** (CDPA) **and -dystrophy** (CDDY) (IVDD risk) All breeds	7-14	59.50	46.00
8316	**Chondrodysplasia** (Dwarfism) Chinook, Karelian Bear Dog, Norwegian Elkhound	7-14	59.50	46.00
8326	**Cleft lip/palate and syndactyly** (CLPS) Nova Scotia Duck Tolling Retriever	3-14	59.50	46.00
8120	**Collie eye anomaly** (CEA)* **OPTIGEN** Breeds see 8304	21-28	157.00	157.00
8304	**Collie eye anomaly** (CEA)* **partner laboratory** Australian Shepherd, Bearded Collie, Border Collie, Boykin Spaniel, Hokkaido, Lancashire Heeler, Longhaired Wippet, Nova Scotia Duck Tolling Retriever, Rough/Smooth Collie, Shetland Sheepdog, Silken Windhound	7-14	59.50	46.00
8256	**Cone degeneration** (CD)* **OPTIGEN** Alaskan Malamute, Australian Shepherd, German Shorthaired Pointer	21-28	167.00	167.00
8434	**Congenital hypothyroidism with goiter** (CHG) Fox Terrier, French Bulldog, Rat Terrier, Spanish Waterdog, Tenterfield Terrier	7-14	59.50	46.00
8317	**Congenital ichthyosis** Great Dane	7-14	59.50	46.00
8206	**Congenital myasthenic syndrome** (CMS) Golden Retriever, Jack Russell Terrier, Labrador Retriever, Old Danish Pointing Dog, Parson Russell Terrier	7-14	59.50	46.00
8011	**Congenital stationary night blindness** (CSNB) Briard	3-5	59.50	46.00
8034	**Copper storage disease - Copper toxicosis** Bedlington Terrier	7-14	59.50	46.00
8348	**Craniomandibular osteopathy** (CMO) Cairn Terrier, Scottish Terrier, West Highland White Terrier	3-5	59.50	46.00
8013	**Cystinuria** Australian Cattle Dog, Continental Bulldog, English Bulldog, French Bulldog, Labrador Retriever, Landseer, Mastiff, Miniature Pinscher, Newfoundland, Olde English Bulldog	3-14	59.50	46.00
8260	**Dandy-Walker-like malformation** (DWLM) Eurasian	3-5	59.50	46.00
8485	**Degenerative myelopathy exon 1** (DM exon 1) Bernese Mountain Dog	3-5	59.50	46.00
8158	**Degenerative myelopathy exon 2** (DM exon 2) LABOKLIN patented/licenced all breeds	3-5	77.50	60.00
8472	**Digital hyperkeratosis** (DH/HFH) Dogue de Bordeaux, Irish Terrier, Kromfohrländer	3-5	59.50	46.00
8363	**NEW! Dilated cardiomyopathy** (DCM) Schnauzer	7-14	59.50	46.00

		Turnaround time (business days)	Price for owners in €	Price for breeders in €**
8406	**Dry eye curly coat syndrome** (CCS) Cavalier King Charles Spaniel	3-5	59.50	46.00
8643	**Dystrophic epidermolysis bullosa** (DEB) Central Asian Shepherd	7-14	59.50	46.00
8484	**Ectodermal dysplasia/Skin fragility syndrome** (ED/SFS) Chesapeake Bay Retriever	7-14	59.50	46.00
8311	**Epidermolytic hyperkeratosis** (EHK) Norfolk Terrier	7-14	59.50	46.00
8202	**Episodic falling** (EF) LABOKLIN patented/licenced Cavalier King Charles Spaniel	3-5	59.50	46.00
8152	**Exercise induced collapse** (EIC) LABOKLIN patented/licenced Boykin Spaniel, Chesapeake Bay Retriever, Clumber Spaniel, Curly Coated Retriever, Labrador Retriever, Old English Sheepdog, Pembroke Welsh Corgi, Wirehaired Pointer	3-5	77.50	60.00
8151	**Faktor VII deficiency** (F7) Airedale Terrier, Alaskan Klee Kai, Beagle, Finnish Hound, Giant Schnauzer, Scottish Deerhound, Welsh Springer Spaniel	3-5	59.50	46.00
8131	**Familial nephropathy** (FN)* English Cocker Spaniel, Welsh Springer Spaniel	7-14	77.50	60.00
8192	**Familial nephropathy** (FN) English Springer Spaniel, Samoyed	7-14	59.50	46.00
8272	**Fanconi syndrome** Basenji	7-14	59.50	46.00
8467	**Finnish Hound ataxia** (FHA) Finnish Hound, Norrbottenspitz	3-5	59.50	46.00
8016	**Fucosidosis** English Springer Spaniel	7-14	59.50	46.00
8323	**Gallbladder mucoceles** American Cocker Spaniel, Cairn Terrier, English Cocker Spaniel, Pomeranian, Shetland Sheepdog	7-14	59.50	46.00
8077	**Glanzmann Thrombasthenia** (GT) Pyrenean Mountain Dog	7-14	59.50	46.00
8635	**Glaucoma and goniodysgenesis** (GG) Border Collie	3-5	59.50	46.00
8007	**Globoid cell leukodystrophy** (Krabbe disease) Cairn Terrier, Irish Setter, West Highland White Terrier	7-14	59.50	46.00
8322	**Glycogen storage disease** (GSD Ia) Maltese	7-14	59.50	46.00
8513	**Glycogen storage disease** (GSDII) (Pompe disease) Finnish Lapphund, Lapponian Herder, Swedish Lapphund	7-14	59.50	46.00
8156	**Glycogen storage disease** (GSDIIIa) Curly Coated Retriever	7-14	59.50	46.00

		Turnaround time (business days)	Price for owners in €	Price for breeders in €**
8066	**GM1-Gangliosidosis** (GM1) Portuguese Waterdog, Shiba Inu, Siberian Husky	7-14	59.50	46.00
8208	**GM2-Gangliosidosis** (GM2) Japanese Chin, Shiba Inu, Toy Poodle	7-14	59.50	46.00
8098	**Grey Collie syndrome** (Canine cyclic neutropenia) (GCS) Collie	7-14	59.50	46.00
8232	**Haemophilia A** (Factor VIII deficiency) Boxer, German Shepherd, Havanese, Old English Sheepdog	3-14	77.50	60.00
8221	**Haemophilia B** (Factor IX deficiency) Hovawart, Lhasa Apso, Rhodesian Ridgeback	3-14	77.50	60.00
8319	**Haemorrhagic diathesis** (Scott syndrome) German Shepherd	7-14	59.50	46.00
8449	**Hereditary ataxia** (HA) Gordon Setter, Old English Sheepdog	3-5	59.50	46.00
8157	**Hereditary cataract** (HSF4) Australian Shepherd, Wäller	7-14	59.50	46.00
8576	**Hereditary cataract** (HSF4)* Boston Terrier, French Bulldog, Staffordshire Bull Terrier	7-14	59.50	46.00
8269	**Hereditary deafness** (PTPRQ) Dobermann	7-14	59.50	46.00
8672	**Hereditary nasal parakeratosis** (HNPK) Greyhound	7-14	59.50	46.00
8421	**Hereditary nasal parakeratosis** (HNPK) LABOKLIN patented/licenced Labrador Retriever	3-5	103.00	80.00
8179	**Hereditary neuropathy** (GHN) Greyhound	7-14	59.50	46.00
8154	**Hyperurikosuria** (SLC) All breeds	3-5	59.50	46.00
8443	**Hypomyelination** (Shaking puppy syndrome) (SPS) English Springer Spaniel, Weimaraner	7-14	59.50	46.00
8555	**Ichthyosis** American Bulldog	3-5	59.50	46.00
8481	**Ichthyosis*** Golden Retriever	7-14	59.50	46.00
8475	**Imerslund-Gräsbeck syndrome** (IGS) Beagle, Border Collie	3-5	59.50	46.00
8198	**Junctional epidermolysis bullosa** (JEB) German Shorthaired Pointer	3-14	59.50	46.00
8284	**Juvenile brain disease** (JBD) Jack Russell Terrier, Parson Russell Terrier	3-14	59.50	46.00
8459	**Juvenile epilepsy** (JE) Lagotto Romagnolo	3-5	59.50	46.00

		Turnaround time (business days)	Price for owners in €	Price for breeders in €**
8271	**Juvenile laryngeal paralysis & polyneuropathy** (JLPP) Black Russian Terrier, Rottweiler	3-5	59.50	46.00
8557	**Juvenile myoclonic epilepsy** (JME) Rhodesian Ridgeback	3-5	59.50	46.00
8125	**L-2-hydroxyglutaric aciduria** (L-2-HGA) Staffordshire Bull Terrier	3-5	59.50	46.00
8005	**Lafora disease** (only EDTA blood) Basset Hound, Beagle, Chihuahua, Dachshund, French Bulldog, Pembroke Welsh Corgi	7-14	103.00	80.00
8270	**Lagotto storage disease** (LSD) Lagotto Romagnolo	3-5	59.50	46.00
8361	**NEW! Laryngeal paralysis** (LP) Bull Terrier, Miniature Bull Terrier	7-14	59.50	46.00
8493	**Late onset ataxia** (LOA) Jack Russell Terrier, Parson Russell Terrier	3-5	59.50	46.00
8487	**Leonberger polyneuropathy 1** (LPN1) Leonberger	7-14	59.50	46.00
8494	**Leonberger polyneuropathy 2** (LPN2) Leonberger	7-14	59.50	46.00
8273	**Lethal acrodermatitis** (LAD) Bull Terrier, Miniature Bull Terrier	3-5	59.50	46.00
8327	**Leukocyte adhesion deficiency type III** (LAD3) German Shepherd	7-14	59.50	46.00
8283	**Leukoencephalomyelopathy** (LEMP) Great Dane, Leonberger, Rottweiler	3-14	59.50	46.00
8364	**NEW! Leukoencephalopathy** (LEP) Schnauzer	7-14	59.50	46.00
8579	**Lundehund syndrome** (LHS) Norwegian Lundehund	7-14	59.50	46.00
8217	**Macrothrombocytopenia** (MTC) Bichon Frise, Boxer, Cairn Terrier, Cavalier King Charles Spaniel, Chihuahua, Cocker Spaniel, Havanese, Jack Russell Terrier, Labrador Retriever, Maltese, Norfolk Terrier, Parson Russell Terrier, Poodle, Shih Tzu	7-14	59.50	46.00
8062	**Malignant hyperthermia** (MH) All breeds	3-5	59.50	46.00
8312	**May-Hegglin anomaly** (MHA) Pug	7-14	59.50	46.00
8032	**MDR1 gene variant*** (Ivermectin hypersensibility) Australian Shepherd, Border Collie, Elo, German Shepherd, Longhaired Whippet, McNab, Old English Sheepdog, Rough/Smooth Collie, Shetland Sheepdog, Silken Windhound, Wäller, White Shepherd	7-14	59.50	46.00
8508	**Microphthalmia** (RBP4) Irish Soft-Coated Wheaten Terrier	3-5	59.50	46.00

		Turnaround time (business days)	Price for owners in €	Price for breeders in €**
8306	**Mucopolysaccharidosis type IIIa** (MPS3a) Newzealand Huntaway, Wirehaired Dachshound	7-14	59.50	46.00
8299	**NEW! Mucopolysaccharidosis type IIIb** (MPS3b) Schipperke	7-14	59.50	46.00
8069	**Mucopolysaccharidosis type VII** (MPS7) Brazilian Terrier, German Shepherd	7-14	59.50	46.00
8068	**Muscular dystrophy** (MD) Cavalier King Charles Spaniel, Golden Retriever, Landseer, Norfolk Terrier	3-14	59.50	46.00
8411	**Musladin-Lueke syndrome** (MLS) Beagle	3-5	59.50	46.00
8360	**Mycobacterium avium complex sensitivity** (MAC) Miniature Schnauzer	3-14	59.50	46.00
8220	**Myostatin mutation** („bully“ gene) Whippet	7-14	59.50	46.00
8022	**Myotonia congenita** Australian Cattle Dog, Labrador Retriever, Miniature Schnauzer	3-14	59.50	46.00
8067	**Narcolepsy** Dachshund, Dobermann, Labrador Retriever	3-14	59.50	46.00
8429	**Necrotizing meningoencephalitis** (NME/PDE) Pug	7-14	59.50	46.00
8172	**Nemalin myopathy** (NM) American Bulldog	7-14	59.50	46.00
8457	**Neonatal cortical cerebellar abiotrophy** (NCCD) Beagle, Magyar Vizsla	7-14	59.50	46.00
8155	**Neonatal encephalopathy with seizures** (NEWS) Standard Poodle	3-14	59.50	46.00
8308	**Neuroaxonal dystrophy** (NAD) Papillon, Rottweiler, Spanish Waterdog	3-14	59.50	46.00
8396	**Neuronal ceroid lipofuscinosis** (NCL)* American Staffordshire Terrier	7-14	59.50	46.00
8075	**Neuronal ceroid lipofuscinosis** (NCL) American Bulldog, Border Collie, Chihuahua, Chinese Crested, Dachshund, English Setter, Golden Retriever, Gordon Setter, Saluki, Tibetan Terrier	3-14	59.50	46.00
8133	**Neuronal ceroid lipofuscinosis** (NCL) Australian Cattle Dog, Australian Shepherd	3-14	77.50	60.00
8602	**Obesity** (ADI) Flat Coated Retriever, Labrador Retriever	7-14	59.50	46.00
8215	**Osteogenesis imperfecta** (Brittle bone disease) Beagle, Dachshund, Golden Retriever	3-14	59.50	46.00
8630	**Paroxysomal dyskinesia** (PxD) Irish Soft-Coated Wheaten Terrier	7-14	59.50	46.00

		Turnaround time (business days)	Price for owners in €	Price for breeders in €**
8462	**Persistent Müllerian duct syndrome** (PMDS) Miniature Schnauzer	7-14	59.50	46.00
8017	**Phosphofructokinase deficiency** (PFKD) American Cocker Spaniel, English Springer Spaniel, German Spaniel, Whippet	7-14	59.50	46.00
8142	**Pituitary dwarfism** Czechoslovakian Wolfdog, German Shepherd, Saarlooswolfdog	7-14	59.50	46.00
8476	**Polycystic kidney disease** (PKD) Bull Terrier	7-14	59.50	46.00
8053	**Postoperative haemorrhage** (P2Y12) Great Swiss Mountain Dog	7-14	59.50	46.00
8141	**Prekallikrein deficiency** (KLK) Shih Tzu	7-14	59.50	46.00
8483	**Primary ciliary dyskinesia** (PCD) Alaskan Malamute, Old English Sheepdog	3-14	59.50	46.00
8321	**Primary hyperoxaluria** (PH) Coton de Tulear	7-14	59.50	46.00
8226	**Primary lens luxation** (PLL) American Eskimo Dog, American Hairless Terrier, Australian Cattle Dog, Chinese Crested, Danish Swedish Farmdog, Fox Terrier, German Hunting Terrier, Jack Russell Terrier, Lakeland Terrier, Lancashire Heeler, Lucas Terrier, Miniature Bull Terrier, Norfolk Terrier, Norwich Terrier, Parson Russell Terrier, Patterdale Terrier, Pug, Rat Terrier, Sealyham Terrier, Teddy Roosevelt Terrier, Tenterfield Terrier, Tibetan Terrier, Toy Fox Terrier, Volpino Italiano, Welsh Terrier, Westphalia Terrier, Yorkshire Terrier	3-5	59.50	46.00
8452	**Primary open angle glaucoma** (POAG) Basset Fauve de Bretagne, Basset Hound, Beagle, Norwegian Elkhound	7-14	59.50	46.00
8641	**Primary open angle glaucoma and lens luxation** (POAG/PLL) Shar Pei	3-5	59.50	46.00
8574	**Progressive retinal atrophy** (Bas-PRA1) Basenji	7-14	59.50	46.00
8375	**Progressive retinal atrophy** (CNGA1-PRA) Shetland Sheepdog	3-14	59.50	46.00
8128	**Progressive retinal atrophy** (cord1-PRA/crd4-PRA) Curly Coated Retriever, Dachshund, English Springer Spaniel	3-5	59.50	46.00
8135	**Progressive retinal atrophy** (crd-PRA) Wirehaired Dachshund	7-14	59.50	46.00
8332	**Progressive retinal atrophy** (crd1-PRA) American Staffordshire Terrier	7-14	59.50	46.00
8333	**Progressive retinal atrophy** (crd2-PRA) American Pitbull Terrier	7-14	59.50	46.00
8355	**Progressive retinal atrophy** (dominant PRA) Bull Mastiff, Mastiff	7-14	59.50	46.00

		Turnaround time (business days)	Price for owners in €	Price for breeders in €**
8451	**Progressive retinal atrophy** (generalized PRA) Schapendoes	7-14	59.50	46.00
8200	**Progressive retinal atrophy** (GR-PRA1) Golden Retriever	3-5	59.50	46.00
8520	**Progressive retinal atrophy** (GR-PRA2) Golden Retriever	3-5	59.50	46.00
8573	**Progressive retinal atrophy** (pap-PRA1) Papillon, Phalène	3-5	59.50	46.00
8094	**Progressive retinal atrophy** (prcd-PRA)* **OPTIGEN** Breeds see 8127	21-28	167.00	167.00
8127	**Progressive retinal atrophy** (prcd-PRA)*** partner laboratory** American Cocker Spaniel, American Eskimo Dog, Australian Cattle Dog, Australian Shepherd, Australian Stumpy Tail Cattle Dog, Barbet, Bearded Collie, Bolognese, Bolonka Zwetna, Chesapeake Bay Retriever, Chihuahua, Chinese Crested, English Cocker Spaniel, English Shepherd, Entlebucher Mountain Dog, Finnish Lapphund, German Spitz, Giant Schnauzer, Golden Retriever, Jack Russell Terrier, Karelian Beardog, Kuvasz, Labrador Retriever, Lagotto Romagnolo, Lapponian Herder, Markiesje, Norwegian Elkhound, Nova Scotia Duck Tolling Retriever, Parson Russell Terrier, Portuguese Water Dog, Poodle, Schipperke, Silky Terrier, Spanish Water Dog, Swedish Lapphund, Wäller, Yorkshire Terrier	7-14	77.50	60.00
8042	**Progressive retinal atrophy** (rcd1-PRA) Irish Setter, Irish Red & White Setter	7-14	59.50	46.00
8353	**Progressive retinal atrophy** (rcd1a-PRA) Sloughi	7-14	59.50	46.00
8309	**Progressive retinal atrophy** (rcd2-PRA) Collie	7-14	59.50	46.00
8354	**Progressive retinal atrophy** (rcd3-PRA) Cardigan Welsh Corgi, Chinese Crested, Pomeranian	7-14	59.50	46.00
8435	**Progressive retinal atrophy** (rcd4-PRA) Australian Cattle Dog, English Setter, Gordon Setter, Irish Setter, Irish Red & White Setter, Old Danish Pointing Dog, Polish Lowland Sheepdog, Poodle, Small Munsterlander, Tatra Shepherd Dog, Tibetan Terrier	7-14	59.50	46.00
8444	**Progressive retinal atrophy** (Type A-PRA)* **OPTIGEN** Miniature Schnauzer	21-28	167.00	167.00
8446	**Progressive retinal atrophy** (Type B-PRA)* **OPTIGEN** Miniature Schnauzer	21-28	167.00	167.00
8608	**Progressive retinal atrophy** (XL-PRA) Husky, Samoyed	7-14	59.50	46.00
8492	**Protein losing nephropathy** (PLN) Irish Soft-Coated Wheaten Terrier	3-5	59.50	46.00
8104	**Pyruvate dehydrogenase phosphatase 1 deficiency** (PDP1) Clumber Spaniel, Sussex Spaniel	7-14	59.50	46.00

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8015	**Pyruvate kinase deficiency** (PK) Basenji, Beagle, Cairn Terrier, Labrador Retriever, Pug, West Highland White Terrier	7-14	59.50	46.00
8394	**Raine syndrome** Border Collie	3-5	59.50	46.00
8301	**Renal cystadenocarcinoma and nodular fibrosis** (RCND) German Shepherd	3-14	59.50	46.00
8345	**NEW! Renal dysplasia and hepatic fibrosis** (RDHN) Norwich Terrier	7-14	59.50	46.00
8150	**Retinal dysplasia** (OSD)* **OPTIGEN** Labrador Retriever, Samoyed	21-28	167.00	167.00
8392	**Retinal dysplasia** (OSD)* **partner laboratory** Labrador Retriever	7-14	59.50	46.00
8596	**Sensory neuropathy** (SN) Border Collie	7-14	59.50	46.00
8328	**Severe combined immunodeficiency** (SCID) Frisian Water Dog, Jack Russell Terrier, Parson Russell Terrier	7-14	59.50	46.00
8642	**Shar Pei autoinflammatory disease** (SPAID) Shar Pei	3-5	59.50	46.00
8456	**Skeletal dysplasia 2** (Dwarfism) (SD2) Labrador Retriever	3-5	59.50	46.00
8605	**Spinal dysraphism** (NTD) Weimaraner	7-14	59.50	46.00
8537	**Spinocerebellar ataxia** (SCA) Fox Terrier, Jack Russell Terrier, Parson Russell Terrier, Tenterfield Terrier	3-5	59.50	46.00
8335	**Spondylocostal dysostosis** (Comma defect) Miniature Schnauzer	7-14	59.50	46.00
8610	**Spongy degeneration with cerebellar ataxia type 1** (SDCA1) Belgian Shepherd, Dutch Shepherd	3-5	59.50	46.00
8582	**Spongy degeneration with cerebellar ataxia type 2** (SDCA2) Belgian Shepherd, Dutch Shepherd	7-14	59.50	46.00
8387	**NEW! Stargardt disease** (STGD, retinal degeneration) Labrador Retriever	7-14	59.50	46.00
8191	**Startle disease** LABOKLIN patented/licenced Irish Wolfhound	7-14	77.50	60.00
8673	**Subacute necrotizing encephalopathy** (SNE) Yorkshire Terrier	7-14	59.50	46.00
8486	**Thrombopathy** Basset Hound, Landseer	3-14	59.50	46.00
8143	**Trapped neutrophil syndrome** (TNS) Border Collie	3-5	59.50	46.00

		Turnaround time (business days)	Price for owners in €	Price for breeders in €**
8393	**van den Ende-Gupta syndrome** (VDEGS) Fox Terrier, Toy Fox Terrier	3-5	59.50	46.00
8302	**Vitamin D dependent rickets** (VDR) Pomeranian	7-14	59.50	46.00
8119	**von Willebrand disease type 1** (vWD1) Bernese Mountain Dog, Coton de Tulear, Dobermann, Drentsche Patrijshond, German Pinscher, Kerry Blue Terrier, Kromfohrländer, Manchester Terrier, Papillon, Pembroke Welsh Corgi, Poodle, Stabyhoun	3-5	59.50	46.00
8014	**von Willebrand disease type 2** (vWD2) German Shorthaired Pointer, German Wirehaired Pointer	3-5	59.50	46.00
8233	**von Willebrand disease type 3** (vWD3) Kooikerhondje, Scottish Terrier, Shetland Sheepdog	3-14	59.50	46.00
8347	**Warburg micro syndrome 1** (WARBM1) Husky	7-14	59.50	46.00
8063	**X-chromosomal severe immunodeficiency** (X-SCID) Basset Hound, Welsh Corgi	7-14	59.50	46.00
8305	**X-linked myopathy** (XL-MTM) Labrador Retriever, Rottweiler	7-14	59.50	46.00

Coat colours / coat structure

(Sample material: 0.5 - 1 ml EDTA blood, buccal swabs)

If more than one characteristic is requested we charge € 59.50 / € 46.00 for the first and € 25.00 for each additional test (not possible for test combinations and test via partner laboratory)

		Turnaround time (business days)	Price for owners in €	Price for breeders in €**
8654	**Combination coat colours dog** A-locus, B-locus, D-locus (d1), E-locus (e1), I-Locus, K-locus, S-locus)	7-14	128.00	128.00
8144	**A-locus** (alleles: Ay, Aw, at, a)	7-14	59.50	46.00
8023	**B-locus** (brown, chocolate, liver(nose)) (alleles: bd, bc, bs, b4)	3-5	59.50	46.00
8644	**C-locus** (albino: caL and OCA2) German Spitz, Lhasa Apso, Pekingese, Pomeranian	3-14	59.50	46.00
8124	**Coat length I** (long or short hair)	3-5	59.50	46.00
8397	**Coat length II** (long or short hair) Afghan Hound, Akita Inu, Alaskan Malamute, Chow Chow, Eurasian, French Bulldog, Husky, Prague Rattler, Samoyed	7-14	59.50	46.00
8196	**Curly** (curled hair)	3-5	59.50	46.00
8136	**D-locus d1** (dilution)	3-5	59.50	46.00
8636	**D-locus d2** (dilution) Chow Chow, Sloughi, Thai Ridgeback Dog	7-14	59.50	46.00
8018	**E-locus e1** (apricot, cream, lemon, red, yellow)	3-5	59.50	46.00
8126	**E-locus e2** (apricot, cream, lemon, red, yellow) Australian Cattle Dog	7-14	59.50	46.00
8458	**EG-locus** (domino, grizzle) Afghan Hound, Barsoi, Saluki	7-14	59.50	46.00
8180	**EH-locus** (sable) English Cocker Spaniel	3-5	59.50	46.00
8146	**EM-locus** (melanistic mask)	3-5	59.50	46.00
8195	**Furnishing** (wire hair)	7-14	59.50	46.00
8599	**Hairlessness** (powderpuff) Chinese Crested Dog, Mexican Hairless Dog, Peruvian Hairless Dog, Scottish Deerhound	7-14	59.50	46.00
8254	**H-locus** (harlequin) Great Dane	3-5	59.50	46.00
8366	**NEW! I-locus** (pheomelanin intensity)	7-14	59.50	46.00
8405	**Improper coat** Portuguese Waterdog	7-14	59.50	46.00

		Turnaround time (business days)	Price for owners in €	Price for breeders in €**
8145	**K-locus** (test for KB allele only) (Please note: the alleles kbr (brindle) and ky cannot be determined by this test)	7-14	59.50	46.00
8188	**M-locus*** (alleles: Mh, M, Ma, Mc, m)	7-14	59.50	46.00
8578	**Panda white spotting** German Shepherd	7-14	59.50	46.00
8307	**Saddle tan** Basset Hound, Welsh Corgi	7-14	59.50	46.00
8438	**NEW! S-locus** (piebald, white spotting)	7-14	59.50	46.00

DNA profiling according to ISAG 2006

(Sample material: 0.5 - 1 ml EDTA blood)

		Turnaround time (business days)	Price for owners in €	Price for breeders in €**
8109	**Parentage analysis** (paternity test) each parent	14-21	42.00	42.00
	each offspring	14-21	60.00	60.00
8107	**DNA profile** (genetic fingerprint)	7-14	42.00	42.00
8212	**Likelihood ratio calculation** (analysis of blood relationship) Breeds upon request or www.labogen.com	14-21	115.00	115.00
8211	**Breed determination** (database analysis) Breeds upon request or www.labogen.com	14-21	115.00	115.00
8201	**Species differentiation**	7-14	73.00	73.00

Genetic combinations Dog

(Sample material: 0.5 - 1 ml EDTA blood or 2 buccal swabs)

		Turnaround time (business days)	Price for owners in €	Price for breeders in €**
8344	**Combination DM exon 2 + MDR 1*** (€15.00 patent fee included) ..... Australian Shepherd, Border Collie, Elo, German Shepherd, Longhaired Whippet, McNab, Old English Sheepdog, Rough/Smooth Collie, Shetland Sheepdog, Silken Windhound, Wäller, White Shepherd	7-14	90.00	90.00
8658	**Combination Australian Cattle Dog** (€15.00 patent fee included) ..... Degenerative myelopathy (DM exon 2), neuronal ceroid lipofuscinosis (NCL), primary lens luxation (PLL), progressive retinal atrophy (prcd-PRA)* (partner laboratory), progressive retinal atrophy (rcd4-PRA)	7-14	128.00	128.00
8624	**Combination Australian Shepherd** (€15.00 patent fee included) ..... Collie eye anomaly (CEA)* (partner laboratory), degenerative myelopathy (DM exon 2), hereditary cataract (HSF4), malignant hyperthermia (MH), MDR1-gene variant* (ivermectinhypersensibility), neuronal ceroid lipofuscinosis (NCL), progressive retinal atrophy (prcd-PRA)* (partner laboratory)	7-14	128.00	128.00
8620	**Combination Beagle** ..... Osteogenesis imperfecta (brittle bone disease), factor VII deficiency, Imerslund-Gräsbeck syndrome (IGS), Musladin-Lueke syndrome (MLS), neonatal cortical cerebellar abiotrophy (NCCD), pyruvate kinase deficiency (PK), primary open angle glaucoma (POAG)	7-14	113.00	113.00
8634	**Combination Belgian Shepherd and Dutch Shepherd** ..... Spongy degeneration with cerebellar ataxia type 1 (SDCA1), spongy degeneration with cerebellar ataxia type 2 (SDCA2)	7-14	77.50	77.50
8447	**Combination Bernese Mountain Dog** (€15.00 patent fee included) ..... Degenerative myelopathy (DM exon 1), degenerative myelopathy (DM exon 2)	7-14	85.00	85.00
8626	**Combination Border Collie** ..... Collie eye anomaly (CEA)* (partner laboratory), glaucoma and goniodysgenesis (GG), Imerslund-Gräsbeck syndrome (IGS), MDR1-gene variant* (ivermectin hypersensibility), neuronal ceroid lipofuscinosis (NCL), raine syndrome, sensory neuropathy (SN), trapped neutrophil syndrome (TNS)	7-14	143.00	143.00
8407	**Combination Cavalier King Charles Spaniel 1** ..... (€15.00 patent fee included) Dry eye curly coat syndrome (CCS) + episodic falling (EF)	3-5	60.00	60.00
8653	**Combination Cavalier King Charles Spaniel 2** ..... (15.00 € patent fee included) Degenerative myelopathy (DM exon 2), dry eye curly coat syndrome (CCS), episodic falling (EF), muscular dystrophy (MD), macrothrombocytopenia (MTC)	7-14	128.00	128.00
8662	**Combination Cocker Spaniel** ..... Acral mutilation syndrome (AMS), familial nephropathy (FN)*, progressive retinal atrophy (prcd-PRA)* (partner laboratory)	7-14	105.00	105.00

		Turnaround time (business days)	Price for owners in €	Price for breeders in €**
8625	**Combination Collie** (€15.00 patent fee included) ..... Collie eye anomaly (CEA)* (partner laboratory), degenerative myelopathy (DM exon 2), hyperurikosuria (SLC), MDR1-gene variant* (ivermectin hypersensibility), progressive retinal atrophy (rcd2-PRA)	7-14	128.00	128.00
8659	**Combination Dachshund** ..... Chondrodysplasia (CDPA) and -dystrophia (CDDY) (IVDD-risk), osteogenesis imperfecta (brittle bone disease), neuronal ceroid lipofuscinosis (NCL), progressive retinal atrophy (cord1-PRA), progressive retinal atrophy (crd-PRA)	7-14	113.00	113.00
8645	**Combination Dobermann** (€15.00 patent fee included) ..... Degenerative myelopathy (DM exon 2), narcolepsy, von Willebrand disease type I (vWD1), B-locus (brown), D-locus d1 (dilution)	7-14	128.00	128.00
8660	**Combination English Springer Spaniel** (€15.00 patent fee included) .. Acral mutilation syndrome (AMS), familial nephropathy (FN), hypomyelination / shaking puppy syndrome (SPS), fucosidosis, phosphofructokinase deficiency (PFKD), progressive retinal atrophy (cord1-PRA	7-14	128.00	128.00
8285	**Combination French Bulldog** (€15.00 patent fee included) ..... Canine multi-focal retinopathy (CMR1), congenital hypothyroidism (CHG), cystinuria, degenerative myelopathy (DM exon 2), hereditary cataract * (HSF4)	7-14	128.00	128.00
8649	**Combination German Shepherd and Wolfdog** ..... (€15.00 patent fee included) Degenerative myelopathy (DM exon 2), hyperurikosuria (SLC), coat length I (long or short hair), MDR1-gene variant* (ivermectin hypersensibility), pituitary dwarfism	7-14	128.00	128.00
8622	**Combination Golden Retriever** ..... Ichthyosis*, muscular dystrophy (MD), progressive retinal atrophy (GR-PRA1), progressive retinal atrophy (GR-PRA2), progressive retinal atrophy (prcd-PRA)* (partner laboratory)	7-14	113.00	113.00
8663	**NEW! Combination Irish Soft-Coated Wheaten Terrier** ..... Degenerative myelopathy (DM exon 2), hyperurikosuria (SLC), mikrophthalmia (rbp4), paroxysomal dyskinesia (PxD), protein losing nephropathy (PLN)	7-14	128.00	128.00
8627	**Combination Labrador 1** (basic combination) ..... (€45.00 patent fee included) Centronuclear myopathy (CNM), degenerative myelopathy (DM exon 2), exercise induced collapse (EIC), hereditary nasal parakeratosis (HNPK), progressive retinal atrophy (prcd-PRA)* (partner laboratory), retinal dysplasia (OSD)* (partner laboratory), skeletal dysplasia 2 (dwarfism) (SD2)	7-14	199.00	199.00
8628	**Combination Labrador 2** (extended combination) ..... Alexander disease (AxD), cystinuria, hyperurikosuria (SLC), narcolepsy, obesity, pyruvate kinase deficiency (PK), X-linked myopathy (XL-MTM)	7-14	113.00	113.00
8499	**Combination Lagotto Romagnolo** ..... Juvenile epilepsy (JE), Lagotto storage disease (LSD) + furnishing)	7-14	105.00	105.00
8646	**Combination Landseer** (€15.00 patent fee included) ..... Cystinuria, degenerative myelopathy (DM exon 2), hyperurikosuria (SLC), muscular dystrophy (MD), thrombopathia	3-14	128.00	128.00

		Turnaround time (business days)	Price for owners in €	Price for breeders in €**
8286	**Combination Leonberger** ..... Leonberger polyneuropathy 1 (LPN1), Leonberger polyneuropathy 2 (LPN2), leukoencephalomyelopathy (LEMP)	7-14	105.00	105.00
8633	**Combination Old English Sheepdog** (€30.00 patent fee included) .... Degenerative myelopathy (DM exon 2), exercise induced collapse (EIC), hereditary ataxia (HA), MDR1-gene variant* (ivermectin hypersensibility), primary ciliary dyskinesia (PCD)	7-14	143.00	143.00
8621	**Combination Poodle** (€15.00 patent fee included) ..... Degenerative myelopathy (DM exon 2), neonatal encephalopathy with seizures (NEWS), progressive retinal atrophy (prcd-PRA)* (partner laboratory), progressive retinal atrophy (rcd4-PRA), von Willebrand disease type I (vWD1)	7-14	128.00	128.00
8623	**Combination Pug Dog** (€15.00 patent fee included) ..... Degenerative myelopathy (DM exon 2), malignant hyperthermia (MH), necrotizing meningoencephalitis (NME/PDE), pyruvate kinase deficiency (PK), primary lens luxation (PLL)	7-14	128.00	128.00
8647	**Combination Rhodesian Ridgeback** (€15.00 patent fee included) ..... Degenerative myelopathy (DM exon 2), haemophilia B (factor IX - deficiency), juvenile myoclonic epilepsy (JME), B-locus (liver(nose)), D-locus d1 (dilution)	3-5	128.00	128.00
8648	**Combination Rottweiler** (€15.00 patent fee included) ..... Degenerative myelopathy (DM exon 2), coat length I (long or short hair), hyperurikosuria (SLC), juvenile laryngeal paralysis & polyneuropathy (JLPP), X-linked myopathy (XL-MTM)	7-14	128.00	128.00
8570	**Combination Russell Terrier 1** ..... Late onset ataxia (LOA), spinocerebellar ataxia (SCA)	3-5	85.00	85.00
8571	**Combination Russell Terrier 2** ..... Juvenile brain disease (JBD), late onset ataxia (LOA), primary lens luxation (PLL), spinocerebellar ataxia (SCA)	3-14	113.00	113.00
8652	**Combination Shetland Sheepdog** (€15.00 patent fee included) ..... Collie eye anomalie (CEA)* (partner laboratory), degenerative myelopathy (DM exon 2), MDR1-gene variant* (ivermectin hypersensibility), progressive retinal atrophy (CNGA1-PRA), von Willebrand disease type III (vWD3)	7-14	128.00	128.00
8287	**Combination Waterdog** (€15.00 patent fee included) ..... Brachyuria (stumpy tail), congenital hypothyroidism (CHG), degenerative myelopathy (DM exon 2), neuroaxonal dystrophy (NAD), progressive retinal atrophy (prcd-PRA)* (partner laboratory)	7-14	128.00	128.00
8661	**Combination Welsh Corgi** (€15.00 patent fee included) ..... Brachyuria (stumpy tail), Chondrodysplasia (CDPA) and -dystrophia (CDDY) (IVDD risk), degenerative myelopathy (DM exon 2), progressive retinal atrophy (rcd3-PRA), von Willebrand disease type I (vWD1)	7-14	128.00	128.00

* **Partner laboratory**

** **Breeders club discount available upon submission of proof of current membership**

All prices include 19% VAT.

Genetics Horse

Hereditary diseases

(Sample material: 0.5 - 1ml EDTA blood, mane/tail hair)

		Turnaround time (business days)	Price for owners in €	Price for breeders in €**
8248	**AIS** (Androgen insensitivity syndrome) Quarter Horse	7-14	59.50	46.00
8214	**CA** (Cerebellar abiotrophy) Arabian	3-5	59.50	46.00
8553	**Dwarfism** Friesian horse	7-14	59.50	46.00
8160	**EMH** (Equine malignant hyperthermia) All breeds	3-5	59.50	46.00
8454	**FIS** (Foal immunodeficiency syndrome) Dales Pony, Fell Pony	7-14	59.50	46.00
8137	**GBED** (Glycogen branching enzyme deficiency) Appaloosa, Paint Horse, Quarter Horse	3-5	59.50	46.00
8072	**H-JEB** (Hereditary junctional epidermolysis bullosa) Belgian Draft Horse	7-14	59.50	46.00
8139	**HERDA** (Hereditary equine regional dermal asthenia) Appaloosa, Paint Horse, Quarter Horse	3-5	59.50	46.00
8482	**Hereditary myotonia** New Forest Pony	3-14	59.50	46.00
8501	**Hydrocephalus** Friesian horse	7-14	59.50	46.00
8464	**HWSD** (Hoof wall separation disease) Connemara Pony	3-5	59.50	46.00
8000	**HYPP** (Hyperkalemic periodic paralysis) Appaloosa, Paint Horse, Quarter Horse	3-5	59.50	46.00
8231	**LFS** (Lavender foal syndrome) Arabian	3-5	59.50	46.00
8293	**MYHM** (Immune mediated myositis & MYH1 myopathy) Appaloosa, Paint Horse, Quarter Horse	7-14	59.50	46.00
8594	**NFS** (Naked foal syndrome) Akhal-Teke	7-14	59.50	46.00

		Turnaround time (business days)	Price for owners in €	Price for breeders in €**
8061	**OLWS** (Lethal white foal syndrome) Paint Horse	3-5	59.50	46.00
8138	**PSSM** (Polysaccharid storage myopathy type I) LABOKLIN patented/licenced All breeds	3-5	59.50	51.75
8292	**SCC** (Ocular squamous cell carcinoma) Belgian Draft Horse, Haflinger	7-14	59.50	46.00
8039	**SCID** (Severe combined immunodeficiency) Arabian	7-14	59.50	46.00
8470	**WFFS** (Warmblood fragile foal syndrome) LABOKLIN patented/licenced Warmblood breed	3-5	59.50	46.00

Genetic combinations Horse

(Sample material: 0.5 - 1ml EDTA blood, mane/tail hair)

8267	**5 panel test** (GBED, HERDA, HYPP, PSSM, EMH)	3-5	130.00	130.00
8252	**Combination „Arabian“** (CA, LFS, SCID)	7-14	110.00	110.00
8251	**Combination „Paint Horse“** (GBED, HERDA, HYPP, OLWS, PSSM)	3-5	140.00	140.00
8372	**Combination „Quarab“** (CA, GBED, HERDA, PSSM, SCID)	7-14	130.00	130.00
8250	**Combination „Quarter Horse“/„Appaloosa“** (GBED, HERDA, HYPP, PSSM)	3-5	120.00	120.00
8253	**Combination„Warmblood“** (PSSM, WFFS)	3-5	90.00	90.00

Coat colours / coat structure

(Sample material: 0.5 - 1ml EDTA blood, mane/tail hair) - all breeds

If more than one characteristic is requested we charge € 59.50 / € 46.00 for the first and € 25.00 for each additional test (not possible for test combinations and test via partner laboratory)

		Turnaround time (business days)	Price for owners in €	Price for breeders in €**
8070	**Agouti**	7-14	59.50	46.00
8140	**Appaloosa pattern 1** (PATN-1)	7-14	59.50	46.00
8603	**Brindle 1**	7-14	59.50	46.00
8463	**Camarillo White - W4***	21-28	59.50	59.50
8174	**Champagne**	3-5	59.50	46.00
8048	**Chestnut**	3-5	59.50	46.00
8071	**Cream**	3-5	59.50	46.00
8298	**NEW! Curly**	7-14	59.50	46.00
8227	**Dun**	7-14	59.50	46.00
8422	**GQ Santana dominant white W10***	21-28	59.50	59,50
8159	**Greying***	21-28	59.50	59.50
8586	**Incontinentia pigmenti** (Hyperpigmentation)	7-14	59.50	46.00
8433	**Leopard complex**	3-5	59.50	46.00
8183	**Pearl***	21-28	59.50	59.50
8228	**Roan zygosity*** Breeds upon request	21-28	59.50	59.50
8148	**Sabino-1**	7-14	59.50	46.00
8213	**Silver dapple**	7-14	59.50	46.00
8417	**Splashed white**	7-14	59.50	46.00
8130	**Tobiano**	7-14	59.50	46.00

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
Performance (Sample material: 0.5 - 1ml EDTA blood, mane/tail hair)			
8187 **Speed gene*** All breeds	7-14	77.50	77.50
DNA profiling according to ISAG 2006 (Sample material: 0.5 - 1ml EDTA blood, mane/tail hair)			
8109 **Parentage verification** (paternity test) each parent	14-21	42.00	42.00
each offspring	14-21	60.00	60.00
8507 **DNA profile** (proof of identity, genetic fingerprint)	7-14	42.00	42.00

* **Partner laboratory**

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Genetics Cat

Hereditary diseases

(Sample material: 0.5 - 1 ml EDTA blood, buccal swabs)

		Turnaround time (business days)	Price for owners in €	Price for breeders in €**
8239	**Alpha-Mannosidosis** (AMD) Persian	7-14	59.50	46.00
8609	**Autoimmune lymphoproliferative syndrome** (ALPS) British Shorthair	7-14	59.50	46.00
8592	**Congenital myasthenic syndrome** (CMS) Devon Rex, Sphynx	7-14	59.50	46.00
8604	**Cystinuria** (CysK) All breeds	7-14	59.50	46.00
8041	**Gangliosidosis** (GM1/GM2) Balinese, Javanese, Korat, Oriental Shorthair, Peterbald, Seychellois, Siamese, Thai, Tonkinese	7-14	59.50	46.00
8149	**Gangliosidosis** (GM2) Burmese	7-14	59.50	46.00
8113	**Glycogen storage disease type IV** (GSD4) Norwegian Forest Cat	7-14	59.50	46.00
8465	**Head defect** Burmese	7-14	59.50	46.00
8080	**Hypertrophic cardiomyopathy** (HCM1) (Mutation 1 Meurs (G --> C)) Maine Coon	3-5	38.50	30.00
8116	**Hypertrophic cardiomyopathy** (HCM3) Ragdoll	3-5	59.50	46.00
8453	**Hypokalemia** Australian Mist, Burmese, Cornish Rex, Devon Rex, Singapura, Sphynx, Tonkinese	3-5	59.50	46.00
8318	**Hypotrichosis and short life expectancy** Birman	7-14	59.50	46.00
8468	**Mucopolysaccharidosis type VI** (MPS6) Balinese, Birman, Domestic Shorthair, Javanese, Oriental Shorthair, Peterbald, Seychellois, Siamese, Thai, Tonkinese	7-14	59.50	46.00
8473	**Mucopolysaccharidosis type VII** (MPS7) All breeds	7-14	59.50	46.00
8461	**Myotonia congenita** All breeds	7-14	59.50	46.00
8349	**Osteochondrodysplasia** (OCD) Scottish Fold	7-14	59.50	46.00

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
8046 **Polycystic kidney disease** (PKD) Angora, Birman, British Short- and Longhair, Chartreux, Colourpoint, Exotic Shorthair, Persian, Ragdoll, Russian Blue, Scottish Fold, Selkirk Rex	3-5	59.50	46.00
8395 **Primary congenital glaucoma** (PCG) Siamese	7-14	59.50	46.00
8331 **Progressive retinal atrophy** (b-PRA) Bengal	3-5	59.50	46.00
8593 **Progressive retinal atrophy** (pd-PRA) Angora, Birman, British Short- and Longhair, Chartreux, Colourpoint, Exotic Shorthair, Persian, Ragdoll, Russian Blue, Scottish Fold, Selkirk Rex	3-14	59.50	46.00
8117 **Progressive retinal atrophy** (rdAc-PRA) Abyssinian, American Curl/Wirehair, Balinese, Bengal, Colourpoint, Cornish Rex, Javanese, Munchkin, Ocicat, Oriental Shorthair, Peterbald, Seychellois, Siamese, Singapura, Somali, Thai, Tonkinese	3-5	59.50	46.00
8469 **Progressive retinal atrophy** (rdy-PRA) Abyssinian, Ocicat, Somali	7-14	59.50	46.00
8047 **Pyruvate kinase deficiency** (PK) Abyssinian, Bengal, Domestic Longhair, Domestic Shorthair, Egyptian Mau, La Perm, Maine Coon, Norwegian Forest Cat, Ocicat, Savannah, Siberian, Singapura, Somali	3-5	59.50	46.00
8123 **Spinal muscular atrophy** (SMA) Maine Coon	7-14	59.50	46.00

Coat colours / coat structure

(Sample material: 0.5 - 1 ml EDTA blood, buccal swabs)

If more than one characteristic is requested we charge € 59.50 / € 46.00 for the first and € 25.00 for each additional test (not possible for test combinations and test via partner laboratory)

8170 **Coat colour amber** Norwegian Forest Cat	3-5	59.50	46.00
8257 **Coat colour brown** (chocolate, cinnamon)	3-5	59.50	46.00
8606 **Coat colour russet** Burmese	7-14	59.50	46.00
8090 **Coat colour variant agouti**	3-5	59.50	46.00
8242 **Coat colour variant albino**	7-14	59.50	46.00
8442 **Coat colour variant charcoal** Bengal	7-14	59.50	46.00
8258 **Coat colour variant colourpoint** (siam/mink/burma) All breeds except Bengal	3-14	59.50	46.00

		Turnaround time (business days)	Price for owners in €	Price for breeders in €**
8099	**Coat colour variant dilution**	3-5	59.50	46.00
8591	**Coat colour variant dominant white/white spotting**	5-7	59.50	46.00
8255	**Coat colour variant snow** Bengal	7-14	59.50	46.00
8147	**Coat length (short- / long haired)**	7-14	59.50	46.00
8629	**Coat variant curly** Selkirk Rex	7-14	59.50	46.00
8243	**Coat variant Sphynx / Devon Rex** (SPH/DRX) Canadian Sphynx, Devon Rex	7-14	59.50	46.00

Genetic combinations Cat

(Sample material: 0.5 - 1 ml EDTA blood, buccal swabs)

8350	**Combination hereditary diseases cat** HCM1, HCM3, GSD4, PKD, PK, rdAc-PRA, SMA, genetic blood group	7-14	72.00	72.00
8280	**Combination coat colours cat** Agouti, burma, chocolate, cinnamon, dilution, siam	3-14	72.00	72.00
8281	**Combination coat colours Bengal** Charcoal, chocolate, cinnamon, dilution, snow	7-14	72.00	72.00

Blood group

NEW! Test optimization using an extended, patented set of markers

8121	**Genetic blood group** LABOKLIN patented/licenced All breeds, except Domestic Shorthair	3-5	59.50	46.00
618	**Serologic blood group** (only EDTA blood) All breeds	1-2	45.82	45.82

DNA profiling according to ISAG 2006

(Sample material: 0.5 - 1 ml EDTA blood)

		Turnaround time (business days)	Price for owners in €	Price for breeders in €**
8109	**Parentage verification** (paternity test)..... each parent	14-21	42.00	42.00
	..... each offspring	14-21	60.00	60.00
8175	**DNA profile** (genetic fingerprint)	7-14	42.00	42.00
8611	**Breed determination** (data base analysis + DNA-profile) ..... Breeds upon request or www.labogen.com	21-28	115.00	115.00
8201	**Species differentiation**	14-21	73.00	73.00

* **Partner laboratory**

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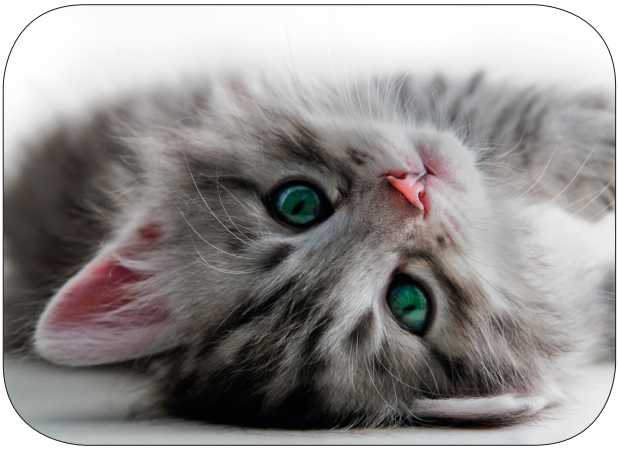

There are two ways you can submit your samples

(Please check with your breeding club/union/association beforehand, if sampling must be done by your veterinarian or another authorized person directly)

1 Standard submissions

Order a sampling kit
Via our website, telephone or email (not necessary if your veterinarian collects the samples)

Collect the sample
EDTA blood or buccal swab or hair.

Fill out the submission form
The template can be found at www.labogen.com
An example is shown on p. 28/29

Submit
Sample and submission form in a padded envelope without refrigeration

Results
Results will be sent to you as requested

Pay
by invoice

2 Webshop submissions

Fill out an online order form
See p. 31; a sampling kit can also be ordered if necessary; (not necessary if your veterinarian collects the samples)

Pay
In advance, online via PayPal / direct debit / credit card

Print your order form
You will receive the filled out documents via email

Collect the sample
EDTA blood or buccal swab or hair. Please read the instructions carefully!

Submit
Sample and submission form in a padded envelope without refrigeration

Results
Results will be sent to you as requested and they can also be retrieved online in our shop at any time

Results

There are several ways for you to recieve your results:

Electronic report (standard method) ..... free of charge!
If you provide an email address, you will always recieve a report this way

Postal delivery ..... € 4.00
Printed and signed report by postal mail

Certifikate (copy protected) ..... € 10.00
Printed on forgery-proof paper sent by postal mail.
Cost per test for combinations; please specify the test for which certificates are needed on the submission form.

LABOKLIN
respects the environment!

With your help, LABOKLIN would like to do our part in protecting the environment for future generations.

In the future, we will be sending your results electronically. This saves resources and helps protect the environment.

This is how to fill out our submission form:

You can find our submission forms at:
http://www.labogen.com/en/submission-forms

Submission form
Genetics

Customer-No. / Barcode
1 2 3 4 5

LABOKLIN
LABOR FÜR KLINISCHE DIAGNOSTIK GMBH & CO. KG
PB 1810 DE-97668 Bad Kissingen
Tel +49 971 72020 Fax +49 971 68546
E-Mail: labogen@laboklin.com

Business hours: Mon - Fri: 9:00 - 18:00, Sat: 9:00 - 13:00

Veterinarian/Clinic:
(Stamp or block letters)

Results to Clinic/Vet via:
- [ ] Email
- [x] Fax
- [ ] Postal mail (with costs)

Invoice to:
- [ ] Veterinarian
- [x] Owner

(If the invoice should be sent to the owner or submitter, please include their complete address and signature)

VAT-No.:
01·01·2020 Tierwohl E.
Date/Signature:

Dr·tierwohl@animalclinic·com
0123/4567890
Fax / Email:

- [ ] Courier

I have checked the identity of the animal(s) and confirm that the samples were taken from the animal(s) listed below.

Veterinarian's name: Dr Ernest Tierwohl
Signature / Stamp veterinarian: Tierwohl E.
Patient-ID: KK/12345
Date of sampling: 01·01·2020

Owner:
(Block letters only, please!)

0 1 2 3 4
Customer-No. Owner

Name: Smith
First name: John
Date of birth: 24.12.1974
Street: Any Street
Zipcode/city: 12345 Any City
Country: Any Country
Fax / Email: j.smith-dogs@sample.com
Tel.-No.: +44 123 456789012

Results to owner via:
- [x] Email
- [ ] Fax
- [x] Postal mail (with costs)

I agree to allow my data to be transmitted to and processed by Laboklin gmbH & Co. KG in order to fulfill this contract.

I have read the information and details on the use of the data and my rights at http://laboklin.com/dataprotection.

J. Smith
(Owners signature)

With my signature, I agree to pay the costs for the laboratory testing.

J. Smith
(Owners signature)

SAMPLE

Please note: test number and breed must be filled out!

Animal 1 (previous result number, if known: _ _ _ _ _-_ _-_ _ _ _ _ _ **)**
(Please complete using capital letters)

Sample: [X] 0.5 ml EDTA-blood [ ] 2x buccal swabs [ ] blood card [ ] Hair (Horse) Sex: [ ] f [X] m

Animal name: Artistic Rising Star (Balou) Date of birth: 12.12.2012

Breed: Bernese Mountain Dog Coat colour: tricolour

Pedigree-No.: ZV 12/34567 BS Tattoo-No.:

Microchip-No.: 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 Sample label: Balou

Tests for animal 1 (see catalogue or https://shop.labogen.com/en/submission-forms)

Test number	Test name (abbreviation)	
8 4 4 7	package Bernese Mountain Dog (DM Exon 1+2)	+ Certificate (see info on page 1)
8 1 1 9	von Willebrand Typ I (vWD1)	+ Certificate (see info on page 1)
		+ Certificate (see info on page 1)
		+ Certificate (see info on page 1)
		+ Certificate (see info on page 1)

Animal 2 (previous result number, if known: _ _ _ _ _-_ _-_ _ _ _ _ _ **)**
(Please complete using capital letters)

Sample: [X] 0.5 ml EDTA-blood [ ] 2x buccal swabs [ ] blood card [ ] Hair (Horse) Sex: [ ] f [ ] m

Animal name: puppy 1 (green collar) Date of birth: 12.12.2021

Breed: Bernese Mountain Dog Coat colour: tricolour

Pedigree-No.: still pending Tattoo-No.:

Microchip-No.: Sample label: puppy 1

Tests for animal 2 (see catalogue or https://shop.labogen.com/en/submission-forms)

Test number	Test name (abbreviation)	
8 1 0 9	paternity analysis for Balou and Minnie	+ Certificate (see info on page 1)
	Minnies results: 1234-W-56789	+ Certificate (see info on page 1)
		+ Certificate (see info on page 1)
		+ Certificate (see info on page 1)
		+ Certificate (see info on page 1)

SAMPLE SAMPLE

Your personal data for your records

Customer No.: _____

Previous submissions:

Animal:	Test:	Result No.: for example: 1 2 3 4 – W – 1 2 3 4 5

Your experts at Labogen are available for any questions about your results via telephone or email (+49 9 71 720 20 or labogen@laboklin.com).

Your direct access to us:

Ordering genetic tests online - fast and easy via the Labogen webshop www.labogen.com

Choose the species and breed

You will see a complete overview of all available genetic tests for your animal

Add the tests you want to your cart

include a sampling or test kit if necessary

Enter your personal information

Pay

Paypal / direct debit / credit card

You will receive all necessary documents via email and sampling or test kits will be mailed to you.

Advantages

- Access to your orders and results at any time
- Discounts for registered breeders
- Info area on animal genetics

Order sampling kits

- online (www.labogen.com/en/order-your-testkit)
- Email (labogen@laboklin.com)
- Telephone (+49 971 / 720 20)

LABOGEN
GENETIC TESTING BY LABOKLIN

Stay in contact:

Newsletter registration

To make sure you don´t miss out on important information, simply register for our newsletter **free and non-binding**:

www.labogen.com/en/newsletter

Your data will only be used to send you the informational material. You can unsubscribe any time **with a single click**.

An overview of our services

You can find information on all of our genetic tests at our website:
www.labogen.com/en#menu

Current online version of our catalogue

Genetics catalogue 2019, valid until 31.12.2019
http://www.labogen.com/en/submission-forms

Prices may be subject to change

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