



Deutsche  
Akkreditierungsstelle  
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With the combined MRA-sign from ILAC (International Laboratory Accreditation Cooperation) & DAkkS (German Accreditation Service), LABOKLIN proves the accreditation and international recognition of its services.

# LABOGEN

GENETIC TESTING BY LABOKLIN

## Price catalogue genetics

### DOG CAT HORSE

## July 2024



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

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\* Partner laboratory

\*\* Breeder club discount available upon submission  
of proof of current membership

All prices include 19% VAT.

# 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 €**
<b>8552 Acatalasemia</b> ..... Beagle	3-5	62.00	48.00
<b>8166 Achromatopsia (day blindness) (ACHM)</b> ..... German Shepherd, Labrador Retriever	7-14	62.00	48.00
<b>8595 Acute respiratory distress syndrome (ARDS)</b> ..... Dalmatian	7-14	62.00	48.00
<b>8038 Acral mutilation syndrome (AMS)</b> ..... English Cocker Spaniel, English Pointer, English Springer Spaniel, French Spaniel, German Shorthaired Pointer	3-5	62.00	48.00
<b>8737 Afibrinogenemia (AFG)</b> ..... Dachshund	7-14	62.00	48.00
<b>8313 Alaskan Husky encephalopathy (AHE)</b> ..... Husky	3-5	62.00	48.00
<b>8479 Alaskan Malamute polyneuropathy (AMPN)</b> ..... Alaskan Malamute	3-5	62.00	48.00
<b>8601 Alexander disease (AxD)</b> ..... Labrador Retriever	7-14	62.00	48.00
<b>8303 Amelogenesis imperfecta (Familial enamel hypoplasia) (FEH)</b> ..... Akita, American Akita, Italian Greyhound, Parson Russell Terrier, Samoyed	3-14	62.00	48.00
<b>8878 NEW! Bunny Hopping Syndrome (BHS1)</b> ..... Weimaraner	7-14	62.00	48.00
<b>8614 Behaviour propensity</b> ..... Belgian Shepherd (Malinois)	7-14	62.00	48.00
<b>8219 Brachyuria (stumpy tail)</b> ..... 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, Miniature American Shepherd, Mudi, Polish Lowland Sheepdog, Pyrenean Shepherd, Savoy Sheepdog, Schipperke, Spanish Waterdog, Swedish Vallhund, Welsh Corgi	3-5	62.00	48.00
<b>8184 C3 deficiency (C3)</b> ..... Brittany Spaniel	7-14	62.00	48.00

## Dog - Hereditary diseases

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>8012 Canine leukocyte adhesion deficiency (CLAD)</b> ..... Irish Red Setter, Irish Red & White Setter	3-5	62.00	48.00
<b>8330 Canine multi-focal retinopathy (CMR1/2/3)</b> ..... 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, Miniature American Shepherd, Pyrenean Mountain Dog, Swedish Lapphund	3-14	62.00	48.00
<b>8575 Canine multiple system degeneration (CMSD)</b> ..... Chinese Crested Dog, Kerry Blue Terrier	7-14	62.00	48.00
<b>8543 Cardiomyopathy with juvenile mortality (CJM)</b> ..... Belgian Shepherd	3-14	62.00	48.00
<b>8073 Centronuclear myopathy (CNM)</b> ..... German Hunting Terrier, Great Dane, Labrador Retriever	3-14	62.00	48.00
<b>8772 Cerebellar Ataxia (CA) *</b> ..... Italian Spinone	28-42	72.00	58.00
<b>8860 Update! Cerebellar Ataxia (CA1)</b> ..... Belgian Shepherd, Pyrenean Mountain Dog	7-14	62.00	48.00
<b>8788 Cerebellar degeneration and myositis complex (CDMC)</b> ..... Nova Scotia Duck Tolling Retriever	7-14	62.00	48.00
<b>8868 Cerebellar hypoplasia (CH)</b> ..... White Swiss Shepherd Dog	7-14	62.00	48.00
<b>8314 Cerebral dysfunction (CDFS)</b> ..... Stabyhoun	3-14	62.00	48.00
<b>8538 Charcot-Marie-Tooth Neuropathy (CMT)</b> ..... Miniature Schnauzer	3-5	62.00	48.00
<b>8294 Chondrodysplasia (CDPA) and -dystrophy (CDDY) (IVDD risk)</b> ..... All breeds	7-14	62.00	48.00
<b>8316 Chondrodysplasia (Dwarfism)</b> ..... Chinook, Karelian Bear Dog, Norwegian Elkhound	7-14	62.00	48.00
<b>8326 Cleft lip/palate and syndactyly (CLPS)</b> ..... Nova Scotia Duck Tolling Retriever	3-14	62.00	48.00
<b>8697 CNS atrophy with cerebellar ataxia (CACA)</b> ..... Belgian Shepherd	7-14	62.00	48.00

## Dog - Hereditary diseases

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>8304 Collie eye anomaly (CEA) *</b> ..... Australian Kelpie, Australian Shepherd, Bearded Collie, Border Collie, Boykin Spaniel, Hokkaido, Lancashire Heeler, Longhaired Wippet, Miniature American Shepherd, Nova Scotia Duck Tolling Retriever, Rough/Smooth Collie, Shetland Sheepdog, Silken Windhound	7-14	62.00	48.00
<b>8758 Color dilution and neurological defects (CDN)</b> ..... Dachshund	7-14	62.00	48.00
<b>8780 Cone Degeneration (CD)</b> ..... German Short-haired Pointing Dog	7-14	62.00	48.00
<b>8434 Congenital hypothyroidism with goiter (CHG)</b> ..... Fox Terrier, French Bulldog, Rat Terrier, Spanish Waterdog, Tenterfield Terrier	7-14	62.00	48.00
<b>8317 Congenital ichthyosis</b> ..... Great Dane	7-14	62.00	48.00
<b>8781 Congenital idiopathic megaesophagus (CIM)</b> ..... German Shepherd	7-14	62.00	48.00
<b>8206 Congenital myasthenic syndrome (CMS)</b> ..... Golden Retriever, Jack Russell Terrier, Labrador Retriever, Old Danish Pointing Dog, Parson Russell Terrier	7-14	62.00	48.00
<b>8011 Congenital stationary night blindness (CSNB)</b> ..... Briard	3-14	62.00	48.00
<b>8388 Copper storage disease - Copper toxicosis (CT) *</b> ..... Dobermann, Labrador Retriever	7-14	62.00	48.00
<b>8735 Copper toxicosis (CT)</b> ..... Bedlington Terrier	7-14	62.00	48.00
<b>8348 Craniomandibular osteopathy (CMO)</b> ..... Cairn Terrier, Scottish Terrier, West Highland White Terrier	3-5	62.00	48.00
<b>8013 Cystinuria</b> ..... Australian Cattle Dog, Continental Bulldog, English Bulldog, French Bulldog, Labrador Retriever, Landseer, Mastiff, Miniature Pinscher, Newfoundland, Olde English Bulldog	3-14	62.00	48.00
<b>8260 Dandy-Walker-like malformation (DWLM)</b> ..... Eurasian	3-5	62.00	48.00
<b>8485 Degenerative myelopathy exon 1 (DM exon 1)</b> ..... Bernese Mountain Dog	3-5	62.00	48.00
<b>8158 Degenerative myelopathy exon 2 (DM exon 2)</b> ..... LABOKLIN patented/licenced all breeds	3-5	72.00	58.00

## Dog - Hereditary diseases

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>8862 Update! Delayed postoperative hemorrhage (DEPOH)</b> ..... Greyhound, Scottish deerhound	7-14	62.00	48.00
<b>8698 Dental-skeletal-retinal anomaly (DSRA)</b> ..... Cane Corso	3-5	62.00	48.00
<b>8532 Dermatomyositis (DMS)</b> ..... Collie, Shetland Sheepdog	7-14	72.00	58.00
<b>8472 Digital hyperkeratosis (DH/HFH)</b> ..... Dogue de Bordeaux, Irish Terrier, Kromfohrländer	3-5	62.00	48.00
<b>8363 Dilated cardiomyopathy (DCM)</b> ..... Giant Schnauzer, Standard Schnauzer	7-14	62.00	48.00
<b>8764 Update! Dilated cardiomyopathy (DCM)</b> ..... English Toy Terrier, Manchester Terrier, Nova Scotia Duck Tolling Retriever, Welsh Springer Spaniel	7-14	62.00	48.00
<b>8872 Dilated cardiomyopathy (DCM 1-4)</b> ..... Dobermann	7-14	72.00	58.00
<b>8753 Disproportionate dwarfism</b> ..... Dogo Argentino, Hungarian Vizsla	7-14	62.00	48.00
<b>8406 Dry eye curly coat syndrome (CCS)</b> ..... Cavalier King Charles Spaniel	3-5	62.00	48.00
<b>8805 Dyserythropoietic anemia and myopathy (DAMS)</b> ..... English Springer Spaniel, Labrador Retriever	3-14	62.00	48.00
<b>8643 Dystrophic epidermolysis bullosa (DEB)</b> ..... Central Asian Shepherd	7-14	62.00	48.00
<b>8484 Ectodermal dysplasia/Skin fragility syndrome (ED/SFS)</b> ..... Chesapeake Bay Retriever	7-14	62.00	48.00
<b>8311 Epidermolytic hyperkeratosis (EHK)</b> ..... Norfolk Terrier	7-14	62.00	48.00
<b>8202 Episodic falling (EF)</b> ..... <b>LABOKLIN patented/licenced</b> Cavalier King Charles Spaniel	7-14	62.00	48.00
<b>8152 Exercise induced collapse (EIC)</b> ..... <b>LABOKLIN patented/licenced</b> Boykin Spaniel, Chesapeake Bay Retriever, Clumber Spaniel, Curly Coated Retriever, Labrador Retriever, Old English Sheepdog, Pembroke Welsh Corgi, Wirehaired Pointer	3-5	72.00	58.00
<b>8688 Exfoliative cutaneous lupus erythematosus (ECLE)</b> ..... German Shorthaired Pointer, Hungarian Vizsla	7-14	62.00	48.00

## Dog - Hereditary diseases

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>8151 Faktor VII deficiency (F7)</b> ..... Airedale Terrier, Alaskan Klee Kai, Beagle, Deerhound, Finnish Hound, Giant Schnauzer, Papillon, Phalene, Welsh Springer Spaniel	3-5	62.00	48.00
<b>8809 Faktor XI Deficiency (F11)</b> ..... Kerry Blue Terrier	7-14	62.00	48.00
<b>8131 Familial nephropathy (FN) *</b> ..... English Cocker Spaniel, Welsh Springer Spaniel	7-14	72.00	58.00
<b>8192 Familial nephropathy (FN)</b> ..... English Springer Spaniel, Samoyed	7-14	62.00	48.00
<b>8871 Familial thyroid follicular cell carcinoma (FTFC)</b> ..... German Long-haired Pointing Dog	7-14	62.00	48.00
<b>8272 Fanconi syndrome</b> ..... Basenji	7-14	62.00	48.00
<b>8467 Finnish Hound ataxia (FHA)</b> ..... Finnish Hound, Norrbottenspitz	3-5	62.00	48.00
<b>8016 Fucosidosis</b> ..... English Springer Spaniel	7-14	62.00	48.00
<b>8323 Gallbladder mucoceles</b> ..... American Cocker Spaniel, Cairn Terrier, English Cocker Spaniel, Pomeranian, Shetland Sheepdog	7-14	62.00	48.00
<b>8077 Glanzmann Thrombasthenia (GT)</b> ..... Pyrenean Mountain Dog	7-14	62.00	48.00
<b>8635 Glaucoma and goniodysgenesis (GG)</b> ..... Border Collie	3-5	62.00	48.00
<b>8007 Globoid cell leukodystrophy (Krabbe disease)</b> ..... Cairn Terrier, Irish Red Setter, West Highland White Terrier	3-14	62.00	48.00
<b>8322 Glycogen storage disease (GSD Ia)</b> ..... German Pinscher, Maltese	7-14	62.00	48.00
<b>8513 Glycogen storage disease (GSDII) (Pompe disease)</b> ..... Finnish Lapphund, Lapponian Herder, Swedish Lapphund	3-14	62.00	48.00
<b>8156 Glycogen storage disease (GSDIIIa)</b> ..... Curly Coated Retriever	7-14	62.00	48.00
<b>8066 GM1-Gangliosidosis (GM1)</b> ..... Portuguese Waterdog, Shiba Inu, Siberian Husky	3-14	62.00	48.00

## Dog - Hereditary diseases

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>8208 GM2-Gangliosidosis (GM2)</b> ..... Japanese Chin, Shiba Inu, Toy Poodle	7-14	62.00	48.00
<b>8098 Grey Collie syndrome</b> (Canine cyclic neutropenia) (GCS) ..... Collie	7-14	62.00	48.00
<b>8232 Haemophilia A</b> (Factor VIII deficiency) ..... <b>LABOKLIN patented/licenced</b> Havanaese	7-14	72.00	58.00
<b>8689 Haemophilia A</b> (Factor VIII deficiency) ..... Boxer, German Shepherd, Labrador Retriever, Old English Sheepdog, Rhodesian Ridgeback	3-14	62.00	48.00
<b>8221 Haemophilia B</b> (Factor IX deficiency) ..... <b>LABOKLIN patented/licenced</b> American Akita, Hovawart, Lhasa Apso, Rhodesian Ridgeback	3-14	72.00	58.00
<b>8319 Haemorrhagic diathesis</b> (Scott syndrome) ..... German Shepherd	7-14	62.00	48.00
<b>8449 Hereditary ataxia</b> (HA) ..... Australian Shepherd, Gordon Setter, Miniature American Shepherd, Norwegian Buhund, Norwegian Elkhound, Old English Sheepdog	3-14	62.00	48.00
<b>8157 Hereditary cataract</b> (HSF4) ..... Australian Shepherd, Miniature American Shepherd, Wäller, Wirehaired Pointing Griffon	7-14	62.00	48.00
<b>8576 Hereditary cataract</b> (HSF4) * ..... Boston Terrier, French Bulldog, Staffordshire Bull Terrier	7-14	62.00	48.00
<b>8269 Hereditary deafness</b> (EOAD) ..... Beauceron, Rhodesian Ridgeback, Rottweiler	7-14	62.00	48.00
<b>8875 NEW! Hereditary deafness</b> (DINGS1&2)..... Dobermann	7-14	72.00	58.00
<b>8672 Hereditary nasal parakeratosis</b> (HNPK) ..... Greyhound	7-14	62.00	48.00
<b>8421 Hereditary nasal parakeratosis</b> (HNPK) ..... <b>LABOKLIN patented/licenced</b> Labrador Retriever	3-5	72.00	58.00
<b>8179 Hereditary neuropathy</b> (GHN) ..... Greyhound	7-14	62.00	48.00
<b>8154 Hyperurikosuria</b> (HUU/SLC) ..... All breeds	3-5	62.00	48.00
<b>8443 Hypomyelination</b> (Shaking puppy syndrome) (SPS) ..... English Springer Spaniel, Weimaraner	3-14	62.00	48.00



## Dog - Hereditary diseases

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>8389 Hypophosphatasia (HPP)</b> ..... Karelian Bear Dog	7-14	62.00	48.00
<b>8555 Ichthyosis</b> ..... American Bulldog	3-5	62.00	48.00
<b>8481 Ichthyosis*</b> ..... Golden Retriever	7-14	62.00	48.00
<b>8738 Ichthyosis type 2</b> ..... Golden Retriever	7-14	62.00	48.00
<b>8475 Imerslund-Gräsbeck syndrome (IGS)</b> ..... Beagle, Border Collie, Komondor	3-14	62.00	48.00
<b>8612 Inflammatory myopathy (IM)</b> ..... Dutch Shepherd	7-14	62.00	48.00
<b>8373 Inflammatory pulmonary disease (IPD)</b> ..... Collie	3-5	62.00	48.00
<b>8198 Junctional epidermolysis bullosa (JEB)</b> ..... German Shorthaired Pointer	3-14	62.00	48.00
<b>8284 Juvenile brain disease (JBD)</b> ..... Jack Russell Terrier, Parson Russell Terrier	3-14	62.00	48.00
<b>8459 Juvenile epilepsy (JE)</b> ..... Lagotto Romagnolo	3-5	62.00	48.00
<b>8271 Juvenile laryngeal paralysis &amp; polyneuropathy (JLPP)</b> ..... Black Russian Terrier, Rottweiler	3-5	62.00	48.00
<b>8557 Juvenile myoclonic epilepsy (JME)</b> ..... Rhodesian Ridgeback	3-5	62.00	48.00
<b>8125 L-2-hydroxyglutaric aciduria (L-2-HGA)</b> ..... Staffordshire Bull Terrier, Yorkshire Terrier	3-14	62.00	48.00
<b>8005 Lafora disease (EDTA blood, special buccal swab)</b> ..... Basset Hound, Beagle, Chihuahua, Dachshund, French Bulldog, Pembroke, Newfoundland, Welsh Corgi	14-21	103.00	80.00
<b>8270 Lagotto storage disease (LSD)</b> ..... Lagotto Romagnolo	3-5	62.00	48.00
<b>8361 Laryngeal paralysis (LP)</b> ..... Bull Terrier, Miniature Bull Terrier	7-14	62.00	48.00
<b>8685 Laryngeal paralysis with polyneuropathy type 3 (LPPN3)</b> ..... Labrador Retriever, Leonberger, Saint Bernard	3-5	62.00	48.00

## Dog - Hereditary diseases

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>8493 Late onset ataxia (LOA)</b> ..... Jack Russell Terrier, Parson Russell Terrier	3-5	62.00	48.00
<b>8487 Leonberger polyneuropathy 1 (LPN1)</b> ..... Leonberger	7-14	62.00	48.00
<b>8494 Leonberger polyneuropathy 2 (LPN2)</b> ..... Leonberger	7-14	62.00	48.00
<b>8273 Lethal acrodermatitis (LAD)</b> ..... Bull Terrier, Miniature Bull Terrier	3-5	62.00	48.00
<b>8598 Lethal Lung disease (LAMP3)</b> ..... Airedale Terrier	7-14	62.00	48.00
<b>8327 Leukocyte adhesion deficiency type III (LAD3)</b> ..... German Shepherd	7-14	62.00	48.00
<b>8283 Leukoencephalomyelopathy (LEMP)</b> ..... Great Dane, Leonberger, Rottweiler	3-14	62.00	48.00
<b>8364 Leukoencephalopathy (LEP)</b> ..... Schnauzer	7-14	62.00	48.00
<b>8863 Limb-Girdle Muscular Dystrophy (LGMD)</b> ..... Dachshund	7-14	62.00	48.00
<b>8579 Lundehund syndrome (LHS)</b> ..... Norwegian Lundehund	7-14	62.00	48.00
<b>8217 Macrothrombocytopenia (MTC)</b> ..... 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	62.00	48.00
<b>8736 Macular corneal dystrophy (MCD)</b> ..... Labrador Retriever	3-5	62.00	48.00
<b>8062 Malignant hyperthermia (MH)</b> ..... All breeds	3-5	62.00	48.00
<b>8819 Maxillary canine tooth mesioversion (MCM)</b> ..... Shetland Sheepdog	3-5	62.00	48.00
<b>8312 May-Hegglin anomaly (MHA)</b> ..... Pug	7-14	62.00	48.00
<b>8288 MCAD deficiency</b> ..... Cavalier King Charles Spaniel	7-14	62.00	48.00

## Dog - Hereditary diseases

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>8032 MDR1 gene variant (Ivermectin hypersensitivity)</b> ..... Australian Shepherd, Border Collie, Elo, German Shepherd, Longhaired Whippet, McNab, Miniature American Shepherd, Old English Sheepdog, Rough/Smooth Collie, Shetland Sheepdog, Silken Windhound, Wäller, White Shepherd	3-5	62.00	48.00
<b>8870 Methemoglobinemia (MetHg)</b> ..... Pomeranian	7-14	62.00	48.00
<b>8508 Microphthalmia (RBP4)</b> ..... Irish Soft-Coated Wheaten Terrier	3-5	62.00	48.00
<b>8521 Mitochondrial fission encephalopathy (MFE)</b> ..... Bullmastiff	3-5	62.00	48.00
<b>8306 Mucopolysaccharidosis type IIIa (MPS3a)</b> ..... Newzealand Huntaway, Dachshund	7-14	62.00	48.00
<b>8299 Mucopolysaccharidosis type IIIb (MPS3b)</b> ..... Schipperke	7-14	62.00	48.00
<b>8693 Mucopolysaccharidosis type VI (MPS6)</b> ..... Miniature Pinscher	7-14	62.00	48.00
<b>8069 Mucopolysaccharidosis type VII (MPS7)</b> ..... Brazilian Terrier, German Shepherd	3-14	62.00	48.00
<b>8913 NEW! Multiocular defect (MOD)</b> ..... Old English Sheepdog	7-14	62.00	48.00
<b>8068 Update! Muscular dystrophy (MD)</b> ..... American Staffordshire Terrier, Cavalier King Charles Spaniel, Golden Retriever, Landseer, Norfolk Terrier	3-14	62.00	48.00
<b>8411 Musladin-Lueke syndrome (MLS)</b> ..... Beagle	3-5	62.00	48.00
<b>8360 Mycobacterium avium complex sensitivity (MAC)</b> ..... Miniature Schnauzer	3-14	62.00	48.00
<b>8220 Myostatin mutation („bully“ gene)</b> ..... Whippet	7-14	62.00	48.00
<b>8022 Myotonia congenita</b> ..... Australian Cattle Dog, Border Collie, Labrador Retriever, Miniature Schnauzer	3-14	62.00	48.00
<b>8831 Myxomatous mitral valve disease (MMVD)</b> ..... Cavalier King Charles Spaniel, Dachshund	3-5	62.00	48.00

## Dog - Hereditary diseases

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>8067 Narcolepsy</b> ..... Dachshund, Dobermann, Labrador Retriever	3-14	62.00	48.00
<b>8869 Necrotizing myelopathy (ENM)</b> ..... Kooikerhondje	3-14	62.00	48.00
<b>8429 Necrotizing meningoencephalitis (NME/PDE)</b> ..... Pug	7-14	62.00	48.00
<b>8172 Nemalin myopathy (NM)</b> ..... American Bulldog	7-14	62.00	48.00
<b>8457 Neonatal cortical cerebellar abiotrophy (NCCD)</b> ..... Beagle, Hungarian Vizsla	7-14	62.00	48.00
<b>8155 Neonatal encephalopathy with seizures (NEWS)</b> ..... Standard Poodle	3-14	62.00	48.00
<b>8308 Update! Neuroaxonal dystrophy (NAD)</b> ..... Lagotto Romagnolo, Miniature American Shepherd, Papillon, Rottweiler, Spanish Waterdog	3-14	62.00	48.00
<b>8396 Neuronal ceroid lipofuscinosis (NCL)*</b> ..... American Staffordshire Terrier	7-14	62.00	48.00
<b>8075 Neuronal ceroid lipofuscinosis (NCL)</b> ..... American Bulldog, Border Collie, Chihuahua, Chinese Crested Dog, English Setter, Golden Retriever, Gordon Setter, Italian Cane Corso, Saluki, Tibetan Terrier	3-14	62.00	48.00
<b>8133 Neuronal ceroid lipofuscinosis (NCL)</b> ..... Australian Cattle Dog, Australian Shepherd, Dachshund, Miniature American Shepherd	3-14	72.00	58.00
<b>8602 Obesity (ADI)</b> ..... Flat Coated Retriever, Labrador Retriever	7-14	62.00	48.00
<b>8877 NEW! Osteochondrodysplasia (OCD)</b> ..... Miniature Poodle	7-14	62.00	48.00
<b>8215 Osteogenesis imperfecta (brittle bone disease)</b> ..... Beagle, Dachshund, Golden Retriever	3-14	62.00	48.00
<b>8630 Paroxysmal dyskinesia (PxD)</b> ..... Irish Soft-Coated Wheaten Terrier	7-14	62.00	48.00
<b>8690 Paroxysmal exercise-induced dyskinesia (PED)</b> ..... Shetland Sheepdog, Weimaraner	7-14	62.00	48.00
<b>8462 Persistent Müllerian duct syndrome (PMDS)</b> ..... Miniature Schnauzer	3-5	62.00	48.00

## Dog - Hereditary diseases

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>8017 Phosphofruktokinase deficiency (PFKD)</b> ..... American Cocker Spaniel, English Springer Spaniel, German Spaniel, Whippet	7-14	62.00	48.00
<b>8142 Pituitary dwarfism</b> ..... Czechoslovakian Wolfdog, German Shepherd, Karelian Beardog, Lapponian Herder, Saarlooswolfdog, Tibetan Terrier, White Swiss Shepherd Dog	7-14	62.00	48.00
<b>8476 Polycystic kidney disease (PKD)</b> ..... Bull Terrier	7-14	62.00	48.00
<b>8053 Postoperative haemorrhage (P2Y12)</b> ..... Great Swiss Mountain Dog	7-14	62.00	48.00
<b>8879 NEW! PRA with neurodegeneration (PCYT2 deficiency)</b> ..... Saarlooswolfdog	7-14	62.00	48.00
<b>8141 Prekallikrein deficiency (KLK)</b> ..... Shih Tzu	7-14	62.00	48.00
<b>8483 Primary ciliary dyskinesia (PCD)</b> ..... Alaskan Malamute, Old English Sheepdog	3-14	62.00	48.00
<b>8321 Primary hyperoxaluria (PH)</b> ..... Coton de Tulear	7-14	62.00	48.00
<b>8226 Primary lens luxation (PLL)</b> ..... American Eskimo Dog, American Hairless Terrier, Australian Cattle Dog, Chinese Crested Dog, 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	62.00	48.00
<b>8452 Primary open angle glaucoma (POAG)</b> ..... Basset Fauve de Bretagne, Basset Hound, Beagle, Norwegian Elkhound, Petit Basset Griffon Vendéen	7-14	62.00	48.00
<b>8641 Primary open angle glaucoma and lens luxation (POAG/PLL)</b> ..... Shar Pei	3-5	62.00	48.00
<b>8574 Progressive retinal atrophy (Bas-PRA1)</b> ..... Basenji	3-5	62.00	48.00
<b>8773 Progressive retinal atrophy (BBS2-PRA)</b> ..... Shetland Sheepdog	7-14	62.00	48.00
<b>8207 Progressive retinal atrophy (BBS4-PRA)</b> ..... Puli	7-14	62.00	48.00

## Dog - Hereditary diseases

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>8375 Progressive retinal atrophy (CNGA1-PRA)</b> ..... Shetland Sheepdog	3-14	62.00	48.00
<b>8128 Progressive retinal atrophy (cord1-PRA/crd4-PRA)</b> ..... Beagle, Bolonka Zwetna, Clumber Spaniel, Curly Coated Retriever, Dachshund, English Springer Spaniel	7-14	62.00	48.00
<b>8135 Progressive retinal atrophy (crd-PRA)</b> ..... Dachshund	7-14	62.00	48.00
<b>8332 Progressive retinal atrophy (crd1-PRA)</b> ..... American Staffordshire Terrier	7-14	62.00	48.00
<b>8333 Progressive retinal atrophy (crd2-PRA)</b> ..... American Pitbull Terrier	7-14	62.00	48.00
<b>8691 Progressive retinal atrophy (crd3-PRA)</b> ..... Irish Glen of Imaal Terrier	7-14	62.00	48.00
<b>8355 Progressive retinal atrophy (dominant PRA)</b> ..... Bull Mastiff, Mastiff	7-14	62.00	48.00
<b>8617 Progressive retinal atrophy early-onset (eo-PRA)</b> ..... Portuguese Waterdog, Spanish Waterdog	7-14	62.00	48.00
<b>8451 Progressive retinal atrophy (generalized PRA)</b> ..... Schapendoes	7-14	62.00	48.00
<b>8200 Progressive retinal atrophy (GR-PRA1)</b> ..... Golden Retriever	3-5	62.00	48.00
<b>8520 Progressive retinal atrophy (GR-PRA2)</b> ..... Golden Retriever	3-5	62.00	48.00
<b>8894 NEW! Progressive retinal atrophy (GUCY2D-PRA)</b> ..... German Spitz	7-14	62.00	48.00
<b>8746 Progressive retinal atrophy (IFT122-PRA)</b> ..... Lapponian Herder	3-14	62.00	48.00
<b>8752 Progressive retinal atrophy (JPH2-PRA)</b> ..... Shih Tzu	3-5	62.00	48.00
<b>8861 Progressive retinal atrophy (MERTK-PRA)</b> ..... Swedish Vallhund (Västgötaspets)	7-14	62.00	48.00
<b>8374 Progressive retinal atrophy (NECAP1-PRA)</b> ..... Giant Schnauzer	7-14	62.00	48.00
<b>8573 Progressive retinal atrophy (pap-PRA1)</b> ..... Papillon, Phalène	3-5	62.00	48.00

## Dog - Hereditary diseases

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>8767 Progressive retinal atrophy (PRA3)</b> ..... Tibet Spaniel, Tibet Terrier	7-14	62.00	48.00
<b>8692 Progressive retinal atrophy (PRA4)</b> ..... Lhasa Apso	7-14	62.00	48.00
<b>8127 Progressive retinal atrophy (prcd-PRA) *</b> ..... All breeds	7-14	62.00	48.00
<b>8042 Progressive retinal atrophy (rcd1-PRA)</b> ..... Irish Red Setter, Irish Red & White Setter	3-14	62.00	48.00
<b>8353 Progressive retinal atrophy (rcd1a-PRA)</b> ..... Sloughi	7-14	62.00	48.00
<b>8309 Progressive retinal atrophy (rcd2-PRA)</b> ..... Collie	7-14	62.00	48.00
<b>8354 Progressive retinal atrophy (rcd3-PRA)</b> ..... Cardigan Welsh Corgi, Chinese Crested Dog, Pomeranian	7-14	62.00	48.00
<b>8435 Progressive retinal atrophy (rcd4-PRA)</b> ..... Australian Cattle Dog, English Setter, Gordon Setter, Irish Red Setter, Irish Red & White Setter, Old Danish Pointing Dog, Polish Lowland Sheepdog, Poodle, Small Munsterlander, Tatra Shepherd Dog, Tibetan Terrier	7-14	62.00	48.00
<b>8546 Progressive retinal atrophy (type B1-PRA, HIVEP3)</b> ..... Miniature Schnauzer	3-5	62.00	48.00
<b>8608 Progressive retinal atrophy (XL-PRA)</b> ..... Husky, Samoyed	7-14	62.00	48.00
<b>8492 Protein losing nephropathy (PLN)</b> ..... Airedale Terrier, Irish Soft-Coated Wheaten Terrier	3-5	62.00	48.00
<b>8104 Pyruvate dehydrogenase phosphatase 1 deficiency (PDP1)</b> ..... Clumber Spaniel, Sussex Spaniel	7-14	62.00	48.00
<b>8015 Pyruvate kinase deficiency (PK)</b> ..... Basenji, Beagle, Cairn Terrier, Labrador Retriever, Pug, West Highland White Terrier	7-14	62.00	48.00
<b>8394 Raine syndrome</b> ..... Border Collie	3-5	62.00	48.00
<b>8301 Renal cystadenocarcinoma and nodular fibrosis (RCND)</b> ..... German Shepherd	3-14	62.00	48.00
<b>8345 Renal dysplasia and hepatic fibrosis (RDHN)</b> ..... Norwich Terrier	7-14	62.00	48.00

## Dog - Hereditary diseases

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>8392 Retinal dysplasia (OSD) *</b> ..... Labrador Retriever	7-14	62.00	48.00
<b>8677 Retinal dysplasia (OSD)</b> ..... Northern Inuit, Tamaskan	7-14	62.00	48.00
<b>8747 Robinow-like-syndrome (DVL2)</b> ..... American Bulldog, American Staffordshire Terrier, American Pitbull Terrier, Boston Terrier, Continental Bulldog, Dogue de Bordeaux, English Bulldog, French Bulldog, Old English Bulldog, Shih Tzu, Staffordshire Bull Terrier	7-14	62.00	48.00
<b>8596 Sensory neuropathy (SN)</b> ..... Border Collie	7-14	62.00	48.00
<b>8328 Severe combined immunodeficiency (SCID)</b> ..... Frisian Water Dog, Jack Russell Terrier, Parson Russell Terrier	7-14	62.00	48.00
<b>8642 Shar Pei autoinflammatory disease (SPAID)</b> ..... Shar Pei	3-5	62.00	48.00
<b>8456 Skeletal dysplasia 2 (Dwarfism) (SD2)</b> ..... Labrador Retriever	3-5	62.00	48.00
<b>8605 Spinal dysraphism (NTD)</b> ..... Weimaraner	7-14	62.00	48.00
<b>8537 Spinocerebellar ataxia (SCA)</b> ..... Alpine Dachsbracke, Fox Terrier, Jack Russell Terrier, Parson Russell Terrier, Patterdale Terrier, Tenterfield Terrier	3-14	62.00	48.00
<b>8335 Spondylocostal dysostosis (Comma defect).</b> ..... Miniature Schnauzer	3-14	62.00	48.00
<b>8610 Spongy degeneration with cerebellar ataxia type 1 (SDCA1)</b> ..... Belgian Shepherd, Dutch Shepherd	3-5	62.00	48.00
<b>8582 Spongy degeneration with cerebellar ataxia type 2 (SDCA2)</b> ..... Belgian Shepherd, Dutch Shepherd	7-14	62.00	48.00
<b>8768 Spongiform leukoencephalomyelopathy (SLEM) *</b> ..... Border Terrier	28-42	72.00	58.00
<b>8823 Squamous cell carcinoma of the toe - risk estimation</b> ..... (only EDTA blood) Giant Schnauzer, Poodle	7-14	72.00	58.00
<b>8387 Stargardt disease (retinal degeneration) (STGD)</b> ..... Labrador Retriever	3-5	62.00	48.00



## Dog - Hereditary diseases

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>8191 Startle disease</b> ..... LABOKLIN patented/licenced Australian Shepherd, Galgo Espanol, Irish Wolfhound, Miniature American Shepherd	7-14	72.00	58.00
<b>8673 Subacute necrotizing encephalopathy (SNE)</b> ..... Yorkshire Terrier	7-14	62.00	48.00
<b>8615 Succinic semialdehyde dehydrogenase deficiency (SSADHD)</b> ..... Saluki	7-14	62.00	48.00
<b>8486 Thrombopathy</b> ..... Basset Hound, Landseer	3-14	62.00	48.00
<b>8143 Trapped neutrophil syndrome (TNS)</b> ..... Border Collie	3-5	62.00	48.00
<b>8391 Upper airway syndrome (UAS)</b> ..... Norwich Terrier	7-14	62.00	48.00
<b>8393 van den Ende-Gupta syndrome (VDEGS)</b> ..... Fox Terrier, Toy Fox Terrier	3-5	62.00	48.00
<b>8739 Ventricular arrhythmia (IVA)</b> ..... Rhodesian Ridgeback	3-5	62.00	48.00
<b>8302 Vitamin D dependent rickets (VDR)</b> ..... Pomeranian	7-14	62.00	48.00
<b>8119 von Willebrand disease type 1 (vWD1)</b> ..... Bernese Mountain Dog, Coton de Tulear, Dobermann, Drentsche Patrijshond, German Pinscher, Irish Red Setter, Irish Red and White Setter, Kerry Blue Terrier, Kromfohrlander, Manchester Terrier, Papillon, Pembroke Welsh Corgi, Poodle, Stabyhoun	3-5	62.00	48.00
<b>8014 von Willebrand disease type 2 (vWD2)</b> ..... German Shorthaired Pointer, German Wirehaired Pointer	3-5	62.00	48.00
<b>8233 von Willebrand disease type 3 (vWD3)</b> ..... Kooikerhondje, Scottish Terrier, Shetland Sheepdog	3-14	62.00	48.00
<b>8779 Xanthinuria type II</b> ..... Cavalier King Charles Spaniel, Dachshund, English Cocker Spaniel, English Toy Terrier, Manchester Terrier	7-14	62.00	48.00
<b>8063 X-chromosomal severe immunodeficiency (X-SCID)</b> ..... Basset Hound, Welsh Corgi	7-14	62.00	48.00
<b>8305 X-linked myopathy (XL-MTM)</b> ..... Labrador Retriever, Rottweiler	7-14	62.00	48.00

## Dog - Coat colours / length / structure

### Coat colours / coat length / coat structure

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

Turnaround  
time  
(business days)

Price for  
owners  
in €

Price for  
breeders  
in €\*\*

**Please note:** If more than one characteristic is requested we charge € 62.00 / € 48.00 for the first and € 20.00 for each additional test (not possible for test combinations and test via partner laboratory \*).

<b>8654 Combination coat colours dog</b> .....	7-14	99.00	99.00
A-locus, B-locus, D-locus (d1), E-locus (e1), I-locus, K-locus, S-locus)			
<b>8144 A-Locus (Agouti) ASIP Analysis</b> .....	7-14	62.00	48.00
<b>8023 B-locus (brown, chocolate, liver(nose)) (alleles: bd, bc, bs)</b> .....	3-5	62.00	48.00
<b>8639 Rare B-locus variants (alleles: b4, be, bh)</b> .....	3-14	62.00	48.00
b4: Australian Shepherd, Miniature American Shepherd			
be: Lancashire Heeler			
bh: Husky			
<b>8526 Cocoa (brown, dark chocolate)</b> .....	3-5	62.00	48.00
French Bulldog			
<b>8644 C-locus (albino: caL and OCA2)</b> .....	3-5	62.00	48.00
French bulldog, German Spitz, Lhasa Apso, Pekingese, Pomeranian			
<b>8613 C-locus (OCA4)</b> .....	7-14	62.00	48.00
Bullmastiff			
<b>8124 Coat length I (long or short hair)</b> .....	3-5	62.00	48.00
<b>8397 Update! Coat length II (long or short hair)</b> .....	7-14	62.00	48.00
Afghan Hound, Akita Inu, Alaskan Malamute, Chow Chow, Eurasian, French Bulldog, Husky, Prague Rattler, Saluki, Samoyed, Shar Pei			
<b>8196 Curly (curled hair: C1, C2)</b> .....	7-14	62.00	48.00
<b>8136 D-locus d1 (dilution)</b> .....	3-5	62.00	48.00
<b>8636 Rare D-locus variants (alleles: d2, d3)</b> .....	7-14	62.00	48.00
d2: Chow Chow, Sloughi, Thai Ridgeback Dog			
d3: Chihuahua, Italian Greyhound, Mudi, Pumi, and many more			
<b>8018 E-locus e1 (apricot, cream, lemon, red, yellow)</b> .....	3-5	62.00	48.00
<b>8126 Rare E-locus variants (allel: e2)</b> .....	7-14	62.00	48.00
e2: Australian Cattle Dog			
<b>8146 EM-locus (melanistic mask)</b> .....	3-5	62.00	48.00

## Dog - Coat colours / lenght / structure

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<p><b>Please note:</b> If more than one characteristic is requested we charge € 62.00 / € 48.00 for the first and € 20.00 for each additional test (not possible for test combinations and test via partner laboratory *).</p>			
8682 <b>Special colours E-locus: EG, EH, eA</b> ..... (domino, grizzle, sabel, hare pied) EG: Afghan Hound, Barsoi, Saluki EH: American Cocker Spaniel, English Cocker Spaniel eA: all other breeds	3-14	62.00	48.00
8195 <b>Furnishing</b> (wire hair) .....	7-14	62.00	48.00
8599 <b>Hairlessness</b> (powderpuff) ..... Chinese Crested Dog, Deerhound, Mexican Hairless Dog, Peruvian Hairless Dog	7-14	62.00	48.00
8254 <b>H-locus</b> (harlequin) ..... Great Dane	3-5	62.00	48.00
8366 <b>I-locus</b> (pheomelanin intensity) .....	3-5	62.00	48.00
8405 <b>Improper coat</b> ..... Portuguese Waterdog	7-14	62.00	48.00
8145 <b>K-locus</b> (test for KB allele only) ..... (Please note: the alleles kbr (brindle) and ky cannot be determined by this test)	3-5	62.00	48.00
8893 <b>NEW! K-Locus</b> brindle * ..... All breeds	7-14	62.00	48.00
8188 <b>M-locus</b> * (merle alleles: Mh, M, Ma+, Ma, Mc+, Mc, m) .....	7-14	62.00	48.00
8578 <b>Panda white spotting</b> ..... German Shepherd	7-14	62.00	48.00
8307 <b>Saddle tan</b> ..... Basset Hound, Welsh Corgi	7-14	62.00	48.00
8403 <b>Shedding</b> .....	7-14	62.00	48.00
8438 <b>S-locus</b> (piebald, white spotting) .....	7-14	62.00	48.00
8765 <b>Ticking</b> (Roan, Mottle, Spotted) .....	7-14	62.00	48.00

## Dog - Test combinations

### 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 €**
<b>8344 Combination DM exon 2 + MDR 1</b> ..... (€15.00 patent fee included) Australian Shepherd, Border Collie, Elo, German Shepherd, Longhaired Whippet, McNab, Miniature American Shepherd, Old English Sheepdog, Rough/Smooth Collie, Shetland Sheepdog, Silken Windhound, Wäller, White Shepherd	3-5	86.00	86.00
<b>8856 Combination American Bully</b> ..... (€15.00 patent fee included) Cystinuria, Degenerative myelopathy (DM exon 2), Hyperurikosuria, neuronal ceroid lipofuscinosis (NCL), progressive retinal atrophy (crd1-PRA)	7-14	110.00	110.00
<b>8832 Combination American Staffordshire Terrier</b> ..... (€15.00 patent fee included) Degenerative myelopathy (DM exon 2), neuronal ceroid lipofuscinosis (NCL), progressive retinal atrophy (crd1-PRA), A-Locus, D-Locus d1 (Dilution)	7-14	110.00	110.00
<b>8658 Combination Australian Cattle Dog</b> ..... (€15.00 patent fee included) Cystinuria, Degenerative myelopathy (DM exon 2), neuronal ceroid lipofuscinosis (NCL), primary lens luxation (PLL), progressive retinal atrophy (prcd-PRA)*, progressive retinal atrophy (rcd4-PRA)	7-14	110.00	110.00
<b>8624 Combination Australian Shepherd and Miniature American Shepherd</b> (€15.00 patent fee included) Brachyuria (stumpy tail), Collie eye anomaly (CEA)*, degenerative myelopathy (DM exon 2), hereditary cataract (HSF4), Hyperurikosuria (HUU/SLC), MDR1-gene variant (ivermectin hypersensitivity), neuronal ceroid lipofuscinosis (NCL), progressive retinal atrophy (prcd-PRA)*	7-14	110.00	110.00
<b>8783 Combination Barbet</b> ..... Progressive retinal atrophy (prcd-PRA)*, von Willebrand disease type I (vWD1), D-Locus d1 (Dilution), K-Locus	7-14	105.00	105.00
<b>8815 Combination Basenji</b> ..... Fanconi-syndrome, progressive retinal atrophy (Bas-PRA1), pyruvate kinase deficiency (PK)	7-14	96.00	96.00
<b>8620 Combination Beagle</b> ..... Acatalasemia, Osteogenesis imperfecta (brittle bone disease), factor VII deficiency, Imerslund-Gräsbeck syndrome (IGS), Musladin-Lueke syndrome (MLS), neonatal cortical cerebellar atrophy (NCCD), pyruvate kinase deficiency (PK), primary open angle glaucoma (POAG)	7-14	110.00	110.00

## Dog - Test combinations

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>8634 Combination Belgian Shepherd and Dutch Shepherd</b> ..... 7-14 Cardiomyopathy with juvenile mortality (CJM), CNS atrophy with cerebellar ataxia (CACA), spongy degeneration with cerebellar ataxia type 1 (SDCA1), spongy degeneration with cerebellar ataxia type 2 (SDCA2)		105.00	105.00
<b>8447 Combination Bernese Mountain Dog</b> ..... 3-5 (€15.00 patent fee included) Degenerative myelopathy (DM exon 1), degenerative myelopathy (DM exon 2)		76.00	76.00
<b>8756 Combination Black Russian Terrier</b> ..... 3-5 (€15.00 patent fee included) Degenerative myelopathy (DM Exon 2), Hyperurikosuria (HUU/SLC), Juvenile laryngeal paralysis & polyneuropathy (JLPP)		105.00	105.00
<b>8833 Update! Combination Bolonka Zwetna</b> ..... 7-14 Progressive retinal atrophy (cord1-PRA), progressive retinal atrophy (prcd-PRA)*, progressive retinal atrophy (rcd4-PRA), D-Locus d1 (Dilution), furnishing		110.00	110.00
<b>8626 Combination Border Collie</b> ..... 7-14 Collie eye anomaly (CEA)*, glaucoma and goniodysgenesis (GG), Imerslund-Gräsbeck syndrome (IGS), MDR1-gene variant (ivermectin hypersensitivity), neuronal ceroid lipofuscinosis (NCL), raine syndrome, sensory neuropathy (SN), trapped neutrophil syndrome (TNS)		110.00	110.00
<b>8694 Combination Bulldog</b> ..... 7-14 (€15.00 patent fee included) Canine multi-focal retinopathy (CMR1/2/3), cystinuria, degenerative myelopathy (DM exon 2), hyperurikosuria (HUU/SLC), Robinow-like-syndrome (DVL2)		110.00	110.00
<b>8926 NEW! Combination Bull Mastiff</b> ..... 7-14 (€15.00 patent fee included) Canine multi-focal retinopathy (CMR1/2/3), cystinuria, degenerative myelopathy (DM exon 2), mitochondrial fission encephalopathy (MFE), progressive retinal atrophy (dom-PRA)		110.00	110.00
<b>8474 Update! Combination Bullterrier</b> ..... 7-14 Laryngeal paralysis (LP), lethal akrodermatitis (LAD), primary lens luxation (PLL)		96.00	96.00

## Dog - Test combinations

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>8785 Combination Cairn Terrier</b> ..... Craniomandibular osteopathy (CMO), globoid cell leukodystrophy (Krabbe disease), macrothrombocytopenia (MTC), pyruvate kinase deficiency (PK)	7-14	105.00	105.00
<b>8407 Combination Cavalier King Charles Spaniel 1</b> ..... (€15.00 patent fee included) Dry eye curly coat syndrome (CCS) + episodic falling (EF)	7-14	60.00	60.00
<b>8653 Combination Cavalier King Charles Spaniel 2</b> ..... (€ 30.00 patent fee included) Degenerative myelopathy (DM exon 2), dry eye curly coat syndrome (CCS), episodic falling (EF), muscular dystrophy (MD), macrothrombocytopenia (MTC)	7-14	110.00	110.00
<b>8784 Combination Chesapeake Bay Retriever</b> ..... (€ 30.00 patent fee included) Degenerative myelopathy (DM Exon 2), exercise induced collapse (EIC), progressive retinal atrophy (prcd-PRA)*	7-14	105.00	105.00
<b>8754 Combination Chihuahua</b> ..... Chondrodysplasia (CDPA) and -dystrophia (CDDY) (IVDD-risk), macrothrombocytopenia (MTC), neuronal ceroid lipofuscinosis (NCL), progressive retinal atrophy (prcd-PRA)*	7-14	105.00	105.00
<b>8346 Combination Chinese Crested Dog</b> ..... (€15.00 patent fee included) Canine multiple system degeneration (CMSD), degenerative myelopathy (DM Exon 2), neuronal ceroid lipofuscinosis (NCL), primary lens luxation (PLL), progressive retinal atrophy (prcd-PRA), progressive retinal atrophy (rcd3-PRA)	7-14	110.00	110.00
<b>8662 Combination Cocker Spaniel</b> ..... Acral mutilation syndrome (AMS), familial nephropathy (FN)*, progressive retinal atrophy (prcd-PRA) *	7-14	96.00	96.00
<b>8625 Combination Collie</b> ..... (€15.00 patent fee included) Collie eye anomaly (CEA)*, degenerative myelopathy (DM exon 2), dermatomyositis (DMS), inflammatory pulmonary disease (IPD), MDR1-genevariant (ivermectin hypersensitivity), progressive retinal atrophy (rcd2-PRA)	7-14	110.00	110.00
<b>8923 NEW! Combination Continental Bulldog</b> ..... Cystinuria, Robinow-like-syndrome (DVL2), B-Locus	7-14	96.00	96.00

## Dog - Test combinations

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>8676 Combination Continental Toy Spaniel</b> ..... (€15.00 patent fee included) Degenerative myelopathy (DM exon 2), factor VII-deficiency (F7), neuroaxonal dystrophy (NAD), progressive retinal atrophy (pap-PRA1), von Willebrand disease type I (vWD1)	7-14	110.00	110.00
<b>8817 Combination Curly Coated Retriever</b> ..... (€30.00 patent fee included) Degenerative myelopathy (DM exon 2), exercise induced collapse (EIC), glycogen storage disease (GSDIIIa), progressive retinal atrophy (cord1-PRA)	7-14	110.00	110.00
<b>8659 Combination Dachshund 1</b> ..... Osteogenesis imperfecta (brittle bone disease), neuronal ceroid lipofuscinosis (NCL), progressive retinal atrophy (cord1-PRA), progressive retinal atrophy (crd-PRA)	7-14	96.00	96.00
<b>8924 NEW! Combination Dachshund 2</b> ..... 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	110.00	110.00
<b>8645 Combination Dobermann</b> ..... (€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	110.00	110.00
<b>8660 Update! Combination English Springer Spaniel</b> ..... Acral mutilation syndrome (AMS), dyserythropoietic anemia and myopathy (DAMS), familial nephropathy (FN), hypomyelination/ shaking puppy syndrome (SPS), fucosidosis, phosphofructokinase deficiency (PFKD), progressive retinal atrophy (cord1-PRA)	7-14	110.00	110.00
<b>8834 Combination Fox Terrier</b> ..... Congenital hypothyroidism with goiter (CHG), primary lens luxation (PLL), spinocerebellar ataxia (SCA), van den Ende-Gupta syndrome (VDEGS)	7-14	105.00	105.00
<b>8285 Combination French Bulldog</b> ..... (€15.00 patent fee included) Canine multi-focal retinopathy (CMR1), chondrodysplasia (CDPA) and -dystrophia (CDDY) (IVDD-risk), congenital hypothyroidism (CHG), cystinuria, degenerative myelopathy (DM exon 2), hereditary cataract (HSF4)*	7-14	110.00	110.00

## Dog - Test combinations

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>8649 Combination German Shepherd and Wolfdog</b> ..... (€15.00 patent fee included) Degenerative myelopathy (DM exon 2), hyperurikosuria (HUU/SLC), MDR1-gene variant (ivermectin hypersensitivity), pituitary dwarfism, coat length I (long or short hair)	7-14	110.00	110.00
<b>8782 Combination German Shorthaired Pointer</b> ..... Acral mutilation syndrome (AMS), Exfoliative cutaneous lupus erythematosus (ECL) Junctional epidermolysis bullosa (JEB), von Willebrand disease type 2 (vWD 2)	7-14	105.00	105.00
<b>8725 Combination Giant Schnauzer</b> ..... (€15.00 patent fee included) Degenerative myelopathy (DM exon 2), dilated cardiomyopathy (DCM), hyperurikosuria (HUU/SLC), progressive retinal atrophy (prcd-PRA)*, progressive retinal atrophy (NECAP1-PRA)	7-14	110.00	110.00
<b>8622 Combination Golden Retriever</b> ..... Ichthyosis*, muscular dystrophy (MD), neuronal ceroid lipofuscinosis (NCL), progressive retinal atrophy (GR-PRA1), progressive retinal atrophy (GR-PRA2), progressive retinal atrophy (prcd-PRA)*	7-14	110.00	110.00
<b>8741 Combination Gordon Setter</b> ..... Hereditary ataxia (HA), neuronal ceroid lipofuscinosis (NCL), progressive retinal atrophy (rcd4-PRA)	7-14	96.00	96.00
<b>8925 NEU! Combination Great Dane</b> ..... (€15.00 patent fee included) Degenerative myelopathy (DM exon 2), centronuclear myopathy (CNM), congenital ichthyosis, leukoencephalomyelopathy (LEMP)	7-14	110.00	110.00
<b>8678 Combination Great Swiss Mountain Dog</b> ..... (€15.00 patent fee included) Degenerative myelopathy (DM exon 2), hyperurikosuria (HUU/SLC), malignant hyperthermia (MH), postoperative haemorrhage (P2Y12), D-Locus d1 (dilution)	7-14	110.00	110.00
<b>8929 NEW! Combination Havanaese</b> ..... (€30.00 patent fee included) Chondrodysplasia (CDPA) and -dystrophia (CDDY) (IVDD-risk), degenerative myelopathy (DM exon 2), haemophilia A (Factor VIII deficiency), Macrothrombocytopenia (MTC), furnishing	7-14	110.00	110.00



## Dog - Test combinations

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>8930 NEW! Combination Heideterrier</b> ..... (€15.00 patent fee included) Centronuclear myopathy (CNM), degenerative myelopathy (DM exon 2), dilated cardiomyopathy (DCM), lethal akrodermatitis (LAD), primary lens luxation (PLL)	7-14	110,00	110,00
<b>8638 Combination Irish (Red and White) Setter</b> ..... Canine leukocyte adhesion deficiency (CLAD), globoid cell leukodystrophy (Krabbe disease), progressive retinal atrophy (rcd1-PRA), progressive retinal atrophy (rcd4-PRA)	7-14	105.00	105.00
<b>8663 Combination Irish Soft-Coated Wheaten Terrier</b> ..... Degenerative myelopathy (DM exon 2), hyperurikosuria (HUU/SLC), mikrophthalmia (rbp4), paroxysmal dyskinesia (PxD), protein losing nephropathy (PLN)	7-14	110.00	110.00
<b>8755 Combination Kromfohländer</b> ..... (€15.00 patent fee included) Degenerative myelopathy (DM exon 2), digital hyperkeratosis (DH/HFH), hyperurikosuria (HUU/SLC), MDR1-gene variant (ivermectin hypersensitivity), von Willebrand disease type I (vWD1), furnishing	7-14	110.00	110.00
<b>8743 Combination Labradoodle</b> ..... (€45.00 patent fee included) Centronuclear myopathy (CNM), degenerative myelopathy (DM exon 2), exercise induced collapse (EIC), hereditary nasal parakeratosis (HNPk), neonatal encephalopathy with seizures (NEWS), progressive retinal atrophy (prcd-PRA)*, progressive retinal atrophy (rcd4 PRA), skeletal dysplasia 2 (dwarfism) (SD2), von Willebrand disease type 1 (vWD1)	7-14	110.00	110.00
<b>8627 Combination Labrador 1 (basic combination)</b> ..... (€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)*, retinal dysplasia (OSD)*, skeletal dysplasia 2 (dwarfism) (SD2)	7-14	110.00	110.00
<b>8628 Combination Labrador 2 (extended combination)</b> ..... Cystinuria, hyperurikosuria (HUU/SLC), macular corneal dystrophy (MCD), narcolepsy, obesity, pyruvate kinase deficiency (PK), Stargardt disease (retinal degeneration) (STGD), X-linked myopathy (XL-MTM)	7-14	110.00	110.00

## Dog - Test combinations

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>8499 Combination Lagotto Romagnolo</b> ..... Hyperurikosuria (HUU/SLC), Juvenile epilepsy (JE), Lagotto storage disease (LSD), neuroaxonal dystrophy (NAD), progressive retinal atrophy (prcd-PRA)*, furnishing	7-14	110.00	110.00
<b>8646 Combination Landseer</b> ..... (€15.00 patent fee included) Cystinuria, degenerative myelopathy (DM exon 2), muscular dystrophy (MD), thrombopathia, D-locus d1 (dilution)	7-14	110.00	110.00
<b>8249 Combination Lapphund</b> ..... (€15.00 patent fee included) Canine multi-focal retinopathy (CMR1), Degenerative myelopathy (DM exon 2), Glycogen storage disease (GSDII) (Pompe disease), progressive retinal atrophy (prcd-PRA)*	7-14	110.00	110.00
<b>8286 Combination Leonberger</b> ..... Laryngeal paralysis with polyneuropathy type 3 (LPPN3), Leonberger polyneuropathy 1 (LPN1), Leonberger polyneuropathy 2 (LPN2), leukoencephalomyelopathy (LEMP)	7-14	105.00	105.00
<b>8927 NEW! Combination Manchester &amp; Toy Terrier</b> ..... Dilated cardiomyopathy (DCM), von Willebrand disease type I (vWD1), xanthinuria type II	7-14	96.00	96.00
<b>8619 Combination Miniature Schnauzer</b> ..... Charcot-Marie-Tooth neuropathy (CMT), mycobacterium avium complex sensitivity (MAC), myotonia congenita, persistent Müllerian duct syndrome (PMDS), progressive retinal atrophy (type B1-PRA, HIVEP3), spondylocostal dysostosis (Comma defect)	7-14	110.00	110.00
<b>8812 Combination Nova Scotia Duck Tolling Retriever</b> ..... Chondrodysplasia (CDPA) and -dystrophia (CDDY) (IVDD-risk), cerebellar degeneration and myositis complex (CDMC), cleft lip/palate and syndactyly (CLPS), Collie Eye Anomalie (CEA)*, progressive retinal atrophy (prcd-PRA)*	7-14	110.00	110.00
<b>8633 Combination Old English Sheepdog</b> ..... (€30.00 patent fee included) Degenerative myelopathy (DM exon 2), exercise induced collapse (EIC), hereditary ataxia (HA), MDR1-gene variant (ivermectin hypersensitivity), primary ciliary dyskinesia (PCD)	3-5	110.00	110.00

## Dog - Test combinations

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>8837 Combination Pomeranian</b> ..... Gallbladder mucoceles, progressive retinal atrophy (crd1-PRA) Vitamin-D dependent rickets (VDR)	7-14	96.00	96.00
<b>8621 Combination Poodle 1</b> ..... (€15.00 patent fee included) Degenerative myelopathy (DM exon 2), neonatal encephalopathy with seizures (NEWS), progressive retinal atrophy (prcd-PRA)*, progressive retinal atrophy (rcd4-PRA), von Willebrand disease type I (vWD1)	7-14	110.00	110.00
<b>8857 Combination Poodle 2</b> ..... (€15.00 patent fee included) Degenerative myelopathy (DM exon 2), Neonatal encephalopathy with seizures (NEWS), progressive retinal atrophy (prcd-PRA)*, progressive retinal atrophy (rcd4-PRA), von Willebrand disease type I (vWD 1), A-Locus, B-Locus, D-Locus d1, E-Locus e1, K-Locus	7-14	159.00	159.00
<b>8514 Combination Portuguese Water Dog</b> ..... Gangliosidosis (GM1), improper Coat, progressive retinal atrophy early-onset (eo-PRA), progressive retinal atrophy (prcd-PRA)*	7-14	105.00	105.00
<b>8623 Combination Pug Dog</b> ..... (€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	110.00	110.00
<b>8647 Combination Rhodesian Ridgeback</b> ..... (€15.00 patent fee included) Degenerative myelopathy (DM exon 2), haemophilia B (factor IX deficiency), hereditary deafness (EOAD), juvenile myoclonic epilepsy (JME), B-locus (liver(nose)), D-locus d1 (dilution)	7-14	110.00	110.00
<b>8648 Combination Rottweiler</b> ..... (€15.00 patent fee included) Degenerative myelopathy (DM exon 2), juvenile laryngeal paralysis & polyneuropathy (JLPP), leukoencephalomyelopathy (LEMP), neuroaxonal dystrophy (NAD), X-linked myopathy (XL-MTM), coat length I (long or short hair)	7-14	110.00	110.00
<b>8570 Combination Russell Terrier 1</b> ..... Juvenile brain disease (JBD), late onset ataxia (LOA), spinocerebellar ataxia (SCA)	3-14	96.00	96.00

## Dog - Test combinations

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>8571 Combination Russell Terrier 2</b> ..... (€15.00 patent fee included) Degenerative myelopathy (DM exon 2), juvenile brain disease (JBD), late onset ataxia (LOA), primary lens luxation (PLL), spinocerebellar ataxia (SCA)	3-14	110.00	110.00
<b>8928 NEW! Combination Samoyed</b> ..... Amelogenesis imperfecta (Familial enamel hypoplasia) (FEH), familial nephropathy* (FN), progressive retinal atrophy (XL-PRA)	7-14	105.00	105.00
<b>8652 Combination Shetland Sheepdog</b> ..... (€15.00 patent fee included) Collie eye anomalie (CEA)*, degenerative myelopathy (DM exon 2), Maxillary canine tooth mesioversion (MCM), MDR1-gene variant (ivermectin hypersensitivity), progressive retinal atrophy (BBS2-PRA), progressive retinal atrophy (CNGA1-PRA), von Willebrand disease type III (vWD3)	7-14	110.00	110.00
<b>8681 Combination Shiba Inu</b> ..... Gangliosidosis (GM1), gangliosidosis (GM2), A-locus, E-locus	7-14	110.00	110.00
<b>8835 Combination Shih Tzu</b> ..... Macrothrombocytopenia (MTC), prekallikrein deficiency (KLK), progressive retinal atrophy (JPH2-PRA), Robinow-like-syndrome (DVL2)	7-14	105.00	105.00
<b>8287 Combination Spanish Waterdog</b> ..... (€15.00 patent fee included) Brachyuria (stumpy tail), congenital hypothyroidism (CHG), degenerative myelopathy (DM exon 2), neuroaxonal dystrophy (NAD), progressive retinal atrophy early-onset (eo-PRA), progressive retinal atrophy (prcd-PRA)*	7-14	110.00	110.00
<b>8679 Combination Tibetan Terrier</b> ..... (€15.00 patent fee included) Degenerative myelopathy (DM exon 2), neuronal ceroid lipofuscinosis (NCL), Pituitary dwarfism, primary lens luxation (PLL), progressive retinal atrophy (PRA3), progressive retinal atrophy, (rcd4-PRA)	7-14	110.00	110.00
<b>8836 Combination Vizsla</b> ..... (€15.00 patent fee included) Degenerative myelopathy (DM exon 2), Exfoliative cutaneous lupus erythematosus (ECL), neonatal cortical cerebellar abiotrophy (NCCD), coat length I (long or short hair), furnishing	7-14	110.00	110.00

## Dog - Test combinations

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>8813 Combination Weimaraner</b> ..... (€15.00 patent fee included) Degenerative myelopathy (DM Exon 2), hypomyelination (Shaking puppy syndrome) (SPS), spinal dysraphism (NTD)	7-14	96.00	96.00
<b>8661 Update! Combination Welsh Corgi</b> ..... (€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	110.00	110.00
<b>8814 Update! Combination White Swiss Shepherd</b> ..... (€15.00 patent fee included) Degenerative myelopathy (DM Exon 2), MDR1-gene variant (ivermectin hypersensitivity), pituitary dwarfism, coat length I (long or short hair)	7-14	110.00	110.00
<b>8757 Combination Yorkshire Terrier</b> ..... Chondrodysplasia (CDPA) and -dystrophia (CDDY) (IVDD-risk), L-2-Hydroxyglutaraciduria (L-2-HGA), primary lens luxation (PLL), progressive retinal atrophy (prcd-PRA)*, subacute necrotizing encephalopathy (SNE)	7-14	110.00	110.00



## Dog - DNA profiling

### DNA profiling

(Sample material: 0.5 - 1 ml EDTA blood)

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>8107 Classic STR DNA profile</b> (genetic fingerprint) (ISAG 2006) .....	7-14	45.00	45.00
<b>8540 Premium SNP DNA profile</b> (ISAG 2020) .....	14-21	57.00	57.00
(also possible from special buccal swabs, see page 37 for details) (incl. „diversity check“ see diversity.labogen.com)			
<b>8109 Parentage check</b> .....	14-21	15.00	15.00
(comparison of DNA profiles / each offspring)(excl. DNA profile)			
<b>8212 Biostatistical calculation</b> .....	14-21	75.00	75.00
(motherless case/relatedness/likelihood) (excl. DNA profile) upon request - please contact us via phone or email upfront			
<b>8211 Breed determination</b> (database analysis) .....	14-21	115.00	115.00
Breeds upon request or <a href="http://www.labogen.com">www.labogen.com</a>			

### Special analyses

<b>8201 Species differentiation</b> .....	14-21	85.00	85.00
(! handling of special material <b>8028</b> +30.00 €)			
<b>8132 DNA purification and storage</b> (standard material) .....		18.00	18.00
<b>8028 Handling of special sample material</b> .....		30.00	30.00
(sperm, faeces, tissue, forensic samples)			



# 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 €**
<b>8763 Acrodermatitis enteropathica (AE)</b> ..... Turkish Van	7-14	62.00	48.00
<b>8239 Alpha-Mannosidosis (AMD)</b> ..... Persian	7-14	62.00	48.00
<b>8609 Update! Autoimmune lymphoproliferative syndrome (ALPS)</b> ..... British Shorthair, Scottish Fold	7-14	62.00	48.00
<b>8876 NEW! Blue eyes</b> ..... Maine Coon	7-14	62.00	48.00
<b>8873 NEW! Congenital hypothyroidism (CH)</b> ..... All breeds	7-14	62.00	48.00
<b>8592 Congenital myasthenic syndrome (CMS)</b> ..... Devon Rex, Sphynx	7-14	62.00	48.00
<b>8604 Cystinuria (CysK)</b> ..... All breeds	7-14	62.00	48.00
<b>8729 Factor XI deficiency (F11)</b> ..... Maine Coon	3-5	62.00	48.00
<b>8806 Factor XII deficiency (F12)</b> ..... All breeds	7-14	62.00	48.00
<b>8041 Gangliosidosis (GM1)</b> ..... Balinese, Javanese, Korat, Oriental Shorthair, Peterbald, Seychellois, Siamese, Thai, Tonkinese	7-14	62.00	48.00
<b>8149 Gangliosidosis (GM2)</b> ..... Burmese	7-14	62.00	48.00
<b>8864 Gangliosidosis (GM2)</b> ..... Korat	7-14	62.00	48.00
<b>8113 Glycogen storage disease type IV (GSD4)</b> ..... Norwegian Forest Cat	7-14	62.00	48.00
<b>8465 Head defect</b> ..... Burmese	7-14	62.00	48.00
<b>8080 Hypertrophic cardiomyopathy (HCM1) (Mutation 1 Meurs (G --&gt; C))</b> ..... Maine Coon	3-5	62.00	48.00

## Cat - Hereditary diseases

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
8116 <b>Hypertrophic cardiomyopathy (HCM3)</b> ..... Ragdoll	3-5	62.00	48.00
8695 <b>Hypertrophic cardiomyopathy (HCM4)</b> ..... Sphynx	3-5	62.00	48.00
8453 <b>Hypokalemia</b> ..... Australain Mist, Burmese, Cornish Rex, Devon Rex, Singapura, Sphynx, Tonkinese	3-5	62.00	48.00
8318 <b>Hypotrichosis and short life expectancy</b> ..... Birman	7-14	62.00	48.00
8776 <b>MDR1 gene variant</b> ..... All breeds	7-14	62.00	48.00
8468 <b>Update! Mucopolysaccharidosis type VI (MPS6)</b> ..... Balinese, Birman, Domestic Shorthair, Javanese, Oriental Shorthair, Peterbald, Ragdoll, Seychellois, Siamese, Thai, Tonkinese	7-14	62.00	48.00
8473 <b>Mucopolysaccharidosis type VII (MPS7)</b> ..... All breeds	7-14	62.00	48.00
8461 <b>Myotonia congenita</b> ..... All breeds	7-14	62.00	48.00
8349 <b>Osteochondrodysplasia (OCD)</b> ..... Scottish Fold	7-14	62.00	48.00
8046 <b>Polycystic kidney disease (PKD)</b> ..... Agora, Birman, British Short- and Longhair, Chartreux, Colourpoint, Exotic Shorthair, Persian, Ragdoll, Russian Blue, Scottish Fold, Selkirk Rex	3-5	62.00	48.00
8874 <b>NEW! Polydactyly</b> ..... All breeds	7-14	62.00	48.00
8395 <b>Primary congenital glaucoma (PCG)</b> ..... Siamese	7-14	62.00	48.00
8331 <b>Progressive retinal atrophy (b-PRA)</b> ..... Bengal	3-14	62.00	48.00
8593 <b>Progressive retinal atrophy (pd-PRA)</b> ..... Agora, Birman, British Short- and Longhair, Chartreux, Colourpoint, Exotic Shorthair, Persian, Ragdoll, Russian Blue, Scottish Fold, Selkirk Rex	3-14	62.00	48.00
8117 <b>Progressive retinal atrophy (rdAc-PRA)</b> ..... Abyssinian, American Curl/Wirehair, Balinese, Bengal, Colourpoint, Cornish Rex, Javanese, Munchkin, Ocicat, Oriental Shorthair, Peterbald, Seychellois, Siamese, Singapura, Somali, Thai, Tonkinese	3-5	62.00	48.00



## Cat - Hereditary diseases

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>8469 Progressive retinal atrophy (rdy-PRA)</b> ..... Abyssinian, Ocicat, Somali	7-14	62.00	48.00
<b>8047 Pyruvate kinase deficiency (PK)</b> ..... Abyssinian, Bengal, Domestic Longhair, Domestic Shorthair, Egyptian Mau, La Perm, Maine Coon, Norwegian Forest Cat, Ocicat, Savannah, Siberian, Singapura, Somali	3-14	62.00	48.00
<b>8808 Update! Skeletal dysplasia (SD)</b> ..... British Shorthair, Scottish Fold	7-14	62.00	48.00
<b>8123 Spinal muscular atrophy (SMA)</b> ..... Maine Coon	7-14	62.00	48.00



## Cat - Coat colour / length / structure

### Coat colours / coat length / coat structure

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

Turnaround  
time  
(business days)

Price for  
owners  
in €

Price for  
breeders  
in €\*\*

**Please note:** If more than one characteristic is requested we charge € 62.00 / € 48.00 for the first and € 20.00 for each additional test (not possible for test combinations and test via partner laboratory \*).

<b>8280</b>	<b>Combination coat colours cat</b> ..... Agouti, burma, chocolate, cinnamon, dilution, mink, siam	3-14	68.00	68.00
<b>8281</b>	<b>Combination coat colours Bengal</b> ..... Charcoal, chocolate, cinnamon, dilution, snow	7-14	68.00	68.00
<b>8170</b>	<b>Coat colour amber</b> ..... Norwegian Forest Cat	3-5	62.00	48.00
<b>8257</b>	<b>Coat colour brown</b> (chocolate, cinnamon) ..... .....	3-5	62.00	48.00
<b>8774</b>	<b>Coat colour Copal</b> ..... Kurilian Bobtail	7-14	62.00	48.00
<b>8606</b>	<b>Coat colour russet</b> ..... Burmese	7-14	62.00	48.00
<b>8090</b>	<b>Coat colour variant agouti</b> ..... .....	3-5	62.00	48.00
<b>8242</b>	<b>Coat colour variant albino</b> ..... .....	7-14	62.00	48.00
<b>8442</b>	<b>Coat colour variant charcoal</b> ..... Bengal	7-14	62.00	48.00
<b>8258</b>	<b>Coat colour variant colourpoint</b> (siam/mink/burma) ..... All breeds, except Bengal	3-14	62.00	48.00
<b>8099</b>	<b>Coat colour variant dilution</b> ..... .....	3-5	62.00	48.00
<b>8591</b>	<b>Coat colour variant dominant white/white spotting</b> ..... .....	7-14	62.00	48.00
<b>8775</b>	<b>Coat colour variant Gold</b> (Sunshine, extreme sunshine) ..... Kurilian Bobtail, Siberian	7-14	62.00	48.00
<b>8522</b>	<b>Coat colour variant Gold</b> (Copper) ..... British Shorthair	7-14	62.00	48.00
<b>8255</b>	<b>Coat colour variant snow</b> ..... Bengal	7-14	62.00	48.00

## Cat - Coat colour / length / structure

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>Please note:</b> If more than one characteristic is requested we charge € 62.00 / € 48.00 for the first and € 20.00 for each additional test (not possible for test combinations and test via partner laboratory *).			
<b>8778 Coat colour variant Tabby (Mackerel, Blotched)</b> ..... All breeds	7-14	62.00	48.00
<b>8777 Coat colour variant Ticked</b> ..... All breeds	3-14	62.00	48.00
<b>8147 Coat length (short- / long haired)</b> .....	7-14	62.00	48.00
<b>8629 Coat variant curly</b> ..... Selkirk Rex	7-14	62.00	48.00
<b>8243 Coat variant Sphynx / Devon Rex (SPH/DRX)</b> ..... Canadian Sphynx, Devon Rex	7-14	62.00	48.00



## Cat - Breed specific combinations

### Breed specific combinations

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

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>8716 Combination Birman</b> ..... Hypotrachiosis, pd-PRA, PKD, MPS6, genetic blood group	7-14	68.00	68.00
<b>8717 Combination Bengal</b> ..... b-PRA, PK, rdAc-PRA, genetic blood group	7-14	68.00	68.00
<b>8714 Combination British short-/longhair</b> ..... ALPS, pd-PRA, PKD, genetic blood group	7-14	68.00	68.00
<b>8715 Combination Burmese</b> ..... Gangliosidosis (GM2), Head Defect, Hypokalemia, genetic blood group	7-14	68.00	68.00
<b>8838 Combination Devon Rex</b> ..... CMS, Coat length (short- / long haired), SPH/DRX, genetic blood group	7-14	68.00	68.00
<b>8718 Combination Maine Coon</b> ..... HCM1, F11, PK, SMA, genetic blood group	7-14	68.00	68.00
<b>8720 Combination Norwegian</b> ..... Amber, GSD4, PK, genetic blood group	7-14	68.00	68.00
<b>8713 Combination Persian</b> ..... AMD, pd-PRA, PKD, genetic blood group	7-14	68.00	68.00
<b>8719 Combination Ragdoll</b> ..... HCM1, HCM3, pd-PRA, PKD, genetic blood group	7-14	68.00	68.00
<b>8722 Combination Siam/Oriental</b> ..... Gangliosidosis, MPS 6, PCG, rdAc-PRA, genetic blood group	7-14	68.00	68.00
<b>8840 Combination Siberian</b> ..... PK, Colourpoint, Dilution, genetic blood group	7-14	68.00	68.00
<b>8723 Combination Sphynx</b> ..... CMS, HCM4, hypokalemia, genetic blood group	7-14	68.00	68.00

## Genetic combinations Cat

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

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>8350 Combination hereditary diseases cat</b> ..... 7-14 HCM1, HCM3, GSD4, PKD, PK, rdAc-PRA, SMA, genetic blood group		72.00	72.00
<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"><b>NEW!</b></div> <div style="font-size: 2em; font-weight: bold; color: red; margin-right: 5px;">LABO</div> <div style="font-size: 1.5em; font-weight: bold; color: red; margin-right: 5px;">XXL</div> <div style="font-size: 1.5em; font-weight: bold; color: red; margin-right: 5px;">Genetics</div> <div style="margin-left: 10px;"> </div> </div> <p>(Sample material: 0.5 - 1 ml EDTA blood or special buccal swabs)</p>			
<b>9330 LABOGenetics XXL Cat</b> ..... 10-14 Analysis of more than 50 genetic variants (genetic diseases and risk factors, coat colours and traits, genetic blood type). For more information see: <a href="https://shop.labogen.com/en/labogenetics-xxl">https://shop.labogen.com/en/labogenetics-xxl</a>		98.00	98.00



**When sending buccal swabs, please note the following:**

A **special buccal swab** is required. Detailed instructions for use can be found on page 46. This special buccal swab can be ordered free of charge as described on page 50 (→ Order sampling kits)

## Blood group

<b>8121 Genetic blood group</b> ..... 3-5 LABOKLIN patented/licenced All breeds, except Domestic Shorthair	62.00	48.00
<b>618 Serologic blood group</b> (only EDTA blood) ..... 1-2 All breeds	60.48	60.48

## DNA profiling

(Sample material: 0.5 - 1 ml EDTA blood)

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>8175 DNA profile</b> (genetic fingerprint) (ISAG 2006) .....	7-14	42.00	42.00
<b>8109 Parentage check</b> .....	14-21	15.00	15.00
(comparison of DNA profiles / each offspring)(excl. DNA profile)			
<b>8611 Breed determination</b> (data base analysis + DNA-profile) .....	21-28	115.00	115.00
Breeds upon request or <a href="http://www.labogen.com">www.labogen.com</a>			

## Special analyses

<b>8201 Species differentiation</b> .....	14-21	85.00	85.00
(! handling of special material: + 8028 30.00 €)			
<b>8132 DNA purification and storage</b> (standard material) .....		18.00	18.00
<b>8028 Handling of special sample material</b> .....		30.00	30.00
(sperm, faeces, tissue, forensic samples)			



# Genetics Horse

## Hereditary diseases

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

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
8248 <b>AR1</b> (Androgen insensitivity syndrome) ..... Quarter Horse	7-14	62.00	48.00
8842 <b>AR2, AR3, AR4, AR5</b> (Androgen insensitivity syndrome) * ..... Tennessee Walking Horse, Thoroughbred, Warmblood	28-42	72.00	72.00
8214 <b>CA</b> (Cerebellar abiotrophy) ..... Arabian	3-5	62.00	48.00
8849 <b>Update! CSNB2</b> (Congenital Stationary Night Blindness) * ..... American Standardbred, Missouri Foxtrotter, Tennessee Walking Horse	28-42	72.00	72.00
8848 <b>Distichiasis</b> * ..... Frisian Horse	28-42	72.00	72.00
8553 <b>Dwarfism</b> ..... Frisian horse	7-14	62.00	48.00
8548 <b>Dwarfism</b> (ACAN, Chondrodysplasie) ..... Miniature Horse, Shetland Pony	7-14	72.00	58.00
8160 <b>EMH</b> (Equine malignant hyperthermia) ..... All breeds	3-5	62.00	48.00
8454 <b>FIS</b> (Foal immunodeficiency syndrome) ..... Dales Pony, Fell Pony	7-14	62.00	48.00
8137 <b>GBED</b> (Glycogen branching enzyme deficiency) ..... Appaloosa, Paint Horse, Quarter Horse	3-5	62.00	48.00
8139 <b>HERDA</b> (Hereditary equine regional dermal asthenia) ..... Appaloosa, Paint Horse, Quarter Horse	3-5	62.00	48.00
8482 <b>Hereditary myotonia</b> ..... New Forest Pony	3-14	62.00	48.00
8501 <b>Hydrocephalus</b> ..... Frisian horse	7-14	62.00	48.00
8464 <b>HWSD</b> (Hoof wall separation disease) ..... American Miniature Horse, Connemara Pony, German Riding Pony	3-5	62.00	48.00
8000 <b>HYPP</b> (Hyperkalemic periodic paralysis) ..... Appaloosa, Paint Horse, Quarter Horse	3-5	62.00	48.00

## Horse - Hereditary diseases

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
8696 <b>Idiopathic hypocalcemia</b> ..... Thoroughbred	7-14	62.00	48.00
8072 <b>JEB1</b> (Hereditary junctional epidermolysis bullosa) ..... Belgian Draft Horse	7-14	62.00	48.00
8844 <b>JEB2</b> (Hereditary Junctional Epidermolysis Bullosa) * ..... American Saddlebred	28-42	72,00	72.00
8231 <b>LFS</b> (Lavender foal syndrome) ..... Arabian	3-5	62.00	48.00
8293 <b>MYHM</b> (Immune mediated myositis & MYH1 myopathy) ..... Appaloosa, Paint Horse, Quarter Horse	7-14	62.00	48.00
8594 <b>NFS</b> (Naked foal syndrome) ..... Akhal-Teke	7-14	62.00	48.00
8850 <b>OAAM</b> (Occipitoatlantoaxial Malformation) * ..... Arabian Horse	28-42	72.00	72.00
8061 <b>OLWS</b> (Lethal white foal syndrome) ..... Appaloosa, Paint Horse, Quarter Horse	3-5	62.00	48.00
8138 <b>PSSM</b> (Polysaccharid storage myopathy type I) ..... <b>LABOKLIN patented/licenced</b> All breeds	3-5	62.00	51.75
8292 <b>SCC</b> (Ocular squamous cell carcinoma) ..... Belgian Draft Horse, Haflinger	7-14	62.00	48.00
8854 <b>SA</b> (Skeletal Atavism) * ..... Shetland Pony, Miniature Horse	28-42	130.00	130.00
8039 <b>SCID</b> (Severe combined immunodeficiency) ..... Arabian	7-14	62.00	48.00
8470 <b>WFFS</b> (Warmblood fragile foal syndrome) ..... <b>LABOKLIN patented/licenced</b> Appaloosa, Haflinger, Mustang, Paint Horse, Quarter Horse, Thoroughbred, Warmblood breed	3-5	62.00	48.00



# Horse - Coat colours / coat structure

## Coat colours / coat structure

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

Turnaround  
time  
(business days)

Price for  
owners  
in €

Price for  
breeders  
in €\*\*

**Please note:** If more than one characteristic is requested we charge € 62.00 / € 48.00 for the first and € 20.00 for each additional test (not possible for test combinations and test via partner laboratory \*).

8851	<b>Combination coat colours horse - basic colours</b> ..... (Agouti, Chestnut)	7-14	58.00	58.00
8852	<b>Combination coat colours horse - dilutions</b> ..... (Champagne, Cream, Dun, Pearl, Silver)	7-14	110.00	110.00
8853	<b>Combination coat colours horse - white pattern</b> ..... (Appaloosa Pattern 1, Leopard, OLWS, Sabino-1, Splashed White 1-4, Tobiano)	7-14	110.00	110.00
8070	<b>Agouti</b> .....	7-14	62.00	48.00
8140	<b>Appaloosa pattern 1 (PATN-1)</b> .....	3-5	62.00	48.00
8603	<b>Brindle 1</b> .....	7-14	62.00	48.00
8463	<b>Camarillo White - W4 *</b> .....	28-42	62.00	62.00
8174	<b>Champagne</b> .....	3-5	62.00	48.00
8048	<b>Chestnut</b> .....	3-5	62.00	48.00
8071	<b>Cream</b> .....	3-5	62.00	48.00
8298	<b>Curly</b> .....	7-14	62.00	48.00
8422	<b>Dominant White - W5, W10, W13, W20 and W22 *</b> .....	28-42	72.00	72.00
8227	<b>Dun</b> .....	7-14	62.00	48.00
8159	<b>Greying *</b> (only mane/tail hair!) .....	28-42	62.00	62.00
8586	<b>Incontinentia pigmenti (Hyperpigmentation)</b> .....	7-14	62.00	48.00
8433	<b>Leopard complex</b> .....	3-5	62.00	48.00
8726	<b>Mushroom</b> ..... Shetland Pony	7-14	62.00	48.00
8183	<b>Pearl</b> .....	7-14	62.00	48.00

## Horse - Coat colours / coat structure

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>Please note:</b> If more than one characteristic is requested we charge € 62.00 / € 48.00 for the first and € 20.00 for each additional test (not possible for test combinations and test via partner laboratory *).			
<b>8228 Roan zygosity *</b> ..... Breeds upon request	28-42	72.00	72.00
<b>8148 Sabino-1</b> .....	7-14	62.00	48.00
<b>8213 Silver dapple</b> .....	7-14	62.00	48.00
<b>8616 Snowdrop</b> ..... Tinker / Gypsy Cob	7-14	62.00	48.00
<b>8417 SW 1-4 (Splashed white)</b> .....	7-14	62.00	48.00
<b>8841 SW 5-8 (Splashed White ) *</b> .....	28-42	72.00	72.00
<b>8525 Sunshine</b> .....	7-14	62.00	48.00
<b>8843 Tiger Eye*</b> ..... Paso Fino	28-42	72.00	72.00
<b>8130 Tobiano</b> .....	7-14	62.00	48.00



## Genetic combinations Horse

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

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
8300 <b>4-Panel-Test</b> (EMH, GBED, HERDA, HYPP) .....	3-5	113.00	113.00
8267 <b>5 panel test</b> (EMH, GBED, HERDA, HYPP, PSSM) .....	3-5	130.00	130.00
8252 <b>Combination „Arabian“</b> (CA, LFS, SCID) .....	3-14	110.00	110.00
8671 <b>Combination „Paint Horse“</b> .....	3-5	160.00	160.00
(EMH, GBED, HERDA, HYPP, OLWS, PSSM)			
8372 <b>Combination „Quarab“</b> (CA, GBED, HERDA, PSSM, SCID) .....	3-14	130.00	130.00
8250 <b>Combination „Quarter Horse“/„Appaloosa“</b> .....	3-5	120.00	120.00
(GBED, HERDA, HYPP, PSSM)			
8253 <b>Combination „Warmblood“</b> (PSSM, WFFS) .....	3-5	90.00	90.00

## Performance

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

8855 <b>DMRT3</b> (SynchroGait)* .....	28-42	130.00	130.00
Appaloosa, Bashkir Curly, Coldblooded Trotter, Islandic Horse, Kentucky Mountain Horse, Mangalarga, Miniature Horse, Missouri Fox Trotter, Morgan Horse, Paint Horse, Paso Fino, Peruvian Horse, Quarter Horse, Saddlebred, Standardbred, Tennessee Walking Horse			
8528 <b>Predictive height test</b> .....	3-5	62.00	48.00
Warmblood breeds			
8187 <b>Speed gene *</b> .....	7-14	72.00	72.00
Thoroughbred			
8549 <b>Tractability</b> .....	7-14	62.00	48.00
Thoroughbred			

## Horse - DNA profiling

### DNA profiling

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

	Turnaround time (business days)	Price for owners in €	Price for breeders in €**
<b>8507 DNA profile</b> (genetic fingerprint) (ISAG 2006) .....	7-14	45.00	45.00
<b>8109 Parentage check</b> .....	14-21	15.00	15.00
(comparison of DNA profiles / each offspring)(excl. DNA profile)			

### Special analyses

<b>8201 Species differentiation</b> .....	14-21	85.00	85.00
(! handling of special material <b>8028</b> +30.00€)			
<b>8132 DNA purification and storage</b> (standard material) .....		18.00	18.00
<b>8028 Handling of special sample material</b> .....		30.00	30.00
(sperm, faeces, tissue, forensic samples)			



## Results

There are several ways for you to receive your results:

<b>Electronic report</b> (standard method) If you provide an email address, you will always receive a report this way	free of charge!
<b>Postal delivery</b> Printed and signed report by postal mail	€ 4.00
<b>Digital Certificate (PDF)</b> (Digital copy protection) / charged per report	€ 12.00
<b>Certificate printout</b> (copy protected) / charged per test Printed on forgery-proof paper sent by postal mail plus shipping costs (SC) (SCs vary depending on the destination country up to € 25)	€ 12.00 (plus SC)

### 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.



# Taking a buccal swab

(Please note: We recommend the submission of an EDTA-blood sample, if possible, as it is more suitable for the test procedure and provides a more reliable test result.)



### Preparation

To avoid contamination of the swab with foreign DNA, the animal should not have eaten or nursed for approx. 1 – 2 hours before taking the swab. It is also recommended to keep the animal separated from members of the same species or other animals during this period.



### Sample labelling

The tubes with the swabs should be labelled on the long side with the barcodes provided and additionally labelled with clear information (e.g. name of the animal) so that the samples can be assigned correctly. The barcode also must be affixed to the submissionform next to the corresponding animal. Excess barcodes can be discarded.



### Procedure

When taking the swab, the inside of the cheek should be rubbed firmly so that enough cells of the oral mucosa stick to the swab. The genetic test can only be carried out successfully if enough cell material adheres to the swab. Depending on the ordered test, you have either received one special swab and a tube filled with liquid or you have received two dry swabs for each animal. Please proceed as indicated below.

#### → Buccal swabs (dry)

**Two** swabs are provided for each animal.

Allow the swabs to dry for at least 1-2 hours after sampling. The swabs may be placed in the tube for this purpose, but the tube should not be closed tightly.

#### → Special buccal swabs

**One** special swab is provided for each animal.

Hold the tube upright and unscrew the cap. Avoid any contact with the liquid. In case of contact with the skin, immediately wash with plenty of water.

Insert the swab into the tube after sampling. Break it off at the predetermined breaking point, replace the cap, close the tube tightly and place it in the supplied Laboklin outer packaging that contains a cellulose insert



### Sample shipment

If possible, submit the sample material together with the filled out submission form to us on the day of sampling.

# 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](http://www.labogen.com)  
An example is shown on p. 48 / 49



### 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. 51; 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

# This is how to fill out our submission form

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

<b>Submission form</b> <b>Genetics</b>		<b>LABOKLIN</b> LABOR FÜR KLINISCHE DIAGNOSTIK GMBH & CO. KG PB 1810 DE-97668 Bad Kissingen Tel +49 971 7202 505 · Fax +49 971 68546 E-Mail: labogen@laboklin.com	
Business hours: Mon - Fri: 9:00 - 18:00, Sat: 9:00 - 13:00		Customer-No. / Barcode <u>0 1 2 3 4 5</u>	
Veterinarian/Clinic: (Stamp or block letters)		Results to Clinic/Vet via: <input checked="" type="checkbox"/> Email <input type="checkbox"/> Fax <input type="checkbox"/> Postal mail (with costs)	Invoice to: <input checked="" type="checkbox"/> Veterinarian <input type="checkbox"/> Owner <small>(If the invoice should be sent to the owner or submitter, please include their complete address and signature.)</small>
VAT-No.: <u>01-01-2020 Tierwohl E.</u>		<u>Dr.tierwohl@animalclinic.com</u> <u>0123/4567890</u>	
Date/Signature:		Fax / Email: <input type="checkbox"/> Courier	
Animal: <input checked="" type="checkbox"/> Dog <input type="checkbox"/> Cat <input type="checkbox"/> Horse			
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: <u>Dr Ernest Tierwohl</u>		Signature / Stamp veterinarian: <u>Tierwohl E.</u>	
Patient-ID: <u>KK/12345</u>		Date of sampling: <u>01-01-2020</u>	
Owner: (Block letters only, please!)		Customer-No. Owner <u>1 2 3 4 5 6</u>	
Name: <u>Smith</u>		Results to owner via:	
First name: <u>John</u>		<input checked="" type="checkbox"/> Email	
Date of birth: <u>24.12.1974</u>		<input type="checkbox"/> Fax	
Street: <u>Any Street</u>		<input checked="" type="checkbox"/> Postal mail (with costs)	
Zipcode/city: <u>12345 Any City</u>		With my signature, I agree to pay the costs for the laboratory testing.	
Country: <u>Any Country</u>			
Fax / Email: <u>.smith-dogs@sample.com</u>			
Tel.-No.: <u>+44 123 456789012</u>			
		<u>J. Smith</u> (Owners signature)	



# Example submission form

Please note: Please note: Information on breed and test name or lab number is mandatory!

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

Sample:  0.5 ml EDTA blood  buccal swab  blood card  Hair with roots (Horse) Sex:  f  m

Animal name: Artistic Rising Star (Balou) Date of birth: 12.12.2019

Breed: Border Collie 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 [www.labogen.com/en/submission-forms](http://www.labogen.com/en/submission-forms))

Test number	Test name (abbreviation)
8 6 2 6	Combination Border Collie
8 1 0 7	DNA profile

+  Digital certificate (see info on page 1)

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

Sample:  0.5 ml EDTA blood  buccal swab  blood card  Hair with roots (Horse) Sex:  f  m

Animal name: puppy 1 (green collar) Date of birth: 24.10.2019

Breed: Border Collie Coat colour: tricolour

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

Microchip-No.: \_\_\_\_\_ Sample label: puppy 1

Tests for animal 2 (see catalogue or [www.labogen.com/en/submission-forms](http://www.labogen.com/en/submission-forms))

Test number	Test name (abbreviation)
8 1 0 9	paternity analysis for Balou and Minnie
	Minnies results: 1234-W-56789
8 0 3 2	MDR1-gene variant

+  Digital certificate (see info on page 1)



# Your direct access to us

## → Ordering genetic tests online - fast and easy via the Labogen webshop [www.labogen.com](http://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](http://www.labogen.com/en/order-your-testkit))
- Email ([labogen@laboklin.com](mailto:labogen@laboklin.com))
- Telephone (+49 971 / 720 2505)



## 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](http://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](http://www.labogen.com/en#menu)



### Current online version of our catalogue

Genetics catalogue 2024, valid until 31.12.2024

<http://www.labogen.com/en/submission-forms>

Prices may be subject to change



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