

# Submission form

## Genetics

Customer-No. / Barcode

\_\_\_\_\_

# LABOKLIN

LABOR FÜR KLINISCHE DIAGNOSTIK GMBH & CO. KG

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E-Mail: info@laboklin.com

Business Hours: Mo - Fr: 8:00 - 19:00 h, Sa: 9:00 - 13:00 h

Clinic address:  
(stamp or block letters)

Owners address:  
(block letters only, please)

Invoice to:  
 veterinarian  
 owner

Name: \_\_\_\_\_

First name \_\_\_\_\_

Street: \_\_\_\_\_

Zipcode/city: \_\_\_\_\_

(owners signature for direct  
invoicing)

Fax/e-mail: \_\_\_\_\_

Tel.: \_\_\_\_\_

Fax/e-mail: \_\_\_\_\_

Courier

Notification:

E-mail

Fax

Mail

Report copy to owner

Animal data:  dog  cat  horse  other: \_\_\_\_\_

Patient-ID \_\_\_\_\_ Date of sampling: \_\_\_\_\_

I have checked the animals identity and assure that samples are taken from the animals mentioned below.

Name: \_\_\_\_\_ Signature / Stamp veterinarian: \_\_\_\_\_

### Animal 1 (MUST BE FILLED OUT - if known)

Sample:  0,5 ml EB  swab  blood card  hair (horse) Sex:  F  M

Name: \_\_\_\_\_ Date of birth: \_\_\_\_\_ Breed: \_\_\_\_\_

Microchip-No.: \_\_\_\_\_ Tatoo-No.: \_\_\_\_\_ Pedigree-No.: \_\_\_\_\_

Coat colour: \_\_\_\_\_ Sample label: \_\_\_\_\_

### Animal 2

Sample:  0,5 ml EB  swab  blood card  hair (horse) Sex:  F  M

Name: \_\_\_\_\_ Date of birth: \_\_\_\_\_ Breed: \_\_\_\_\_

Microchip-No.: \_\_\_\_\_ Tatoo-No.: \_\_\_\_\_ Pedigree-No.: \_\_\_\_\_

Coat colour: \_\_\_\_\_ Sample label: \_\_\_\_\_

### Animal 3

Sample:  0,5 ml EB  swab  blood card  hair (horse) Sex:  F  M

Name: \_\_\_\_\_ Date of birth: \_\_\_\_\_ Breed: \_\_\_\_\_

Microchip-No.: \_\_\_\_\_ Tatoo-No.: \_\_\_\_\_ Pedigree-No.: \_\_\_\_\_

Coat colour: \_\_\_\_\_ Sample label: \_\_\_\_\_

### Credit card

Visa

Mastercard

Total amount: \_\_\_\_\_

Invoice-No.: \_\_\_\_\_

Credit card No.: \_\_\_\_\_

Exp. date: \_\_\_\_\_

Cardholder name: \_\_\_\_\_

Cardholders signature: \_\_\_\_\_

For accepting credit card we charge EUR 2,10 plus VAT.



000150050081

## Dog

### Hereditary Diseases (Sample Material: 0,5 - 1 ml EB, Buccal Swabs)












- 8193 Arrhythmogenic Right Ventricular Cardiomyopathy\* (ARVC)**  
(Boxer)
- 8219 Brachyury**  
(Breeds upon request)
- 8012 Canine Leukocytes Deficiency (CLAD)**  
(Irish Setter)
- 8120 Collie Eye Anomaly\* (CEA)**  
(Rough-, Smooth Collie, Border Collie, Australian Shepherd, Lancashire Heeler, Shetland Sheepdog, Longhaired Whippet)\*
- 8011 CSNB / Night Blindness**  
(Briard)
- 8013 Cystinuria**  
(Newfoundland, Landseer)
- 8158 Degenerative Myelopathy (DM)**  
(All breeds)
- 8194 Dilated Cardiomyopathy\* (DCM)**  
(Doberman)
- 8152 Exercise Induced Collapse (EIC)**  
(Labrador Retriever, Curly Coated Retriever, Chesapeake Bay Retriever, German Wirehaired Pointer, Boykin Spaniel, Pembroke Welsh Corgi)
- 8073 Hereditary Myopathy (CNM)**  
(Labrador Retriever)
- 8202 Episodic Falling**  
(Cavalier King Charles Spaniel)
- 8151 Factor VII Deficiency**  
(Beagle, Giant Schnauzer, Airedale Terrier, Scottish Deerhound, Alaskan Klee Kai)
- 8131 Familial Nephropathy\* (FN)**  
(English Cocker Spaniel)
- 8192 Familial Nephropathy (FN)**  
(English Springer Spaniel, Samoyed)
- 8016 Fucosidosis**  
(English Springer Spaniel)
- 8215 Osteogenesis imperfecta**  
(Dachshund)
- 8007 Globoid Cell Leukodystrophy / Krabbe-disease**  
(West Highland White Terrier, Cairn Terrier)
- 8156 Glycogen Storage Disease (GSDIIIa)**  
(Curly Coated Retriever)
- 8066 GM1-Gangliosidosis**  
(Husky, Portuguese Waterdog)
- 8098 Grey Collie Syndrome**  
(Canine Cyclic Neutropenia) (Collie)
- 8068 GRMD (Muscular Dystrophy)**  
(Golden Retriever)
- 8200 GR\_PRA1**  
(Golden Retriever)
- 8221 Hemophilia B (Factor IX)**  
(Rhodesian Ridgeback)
- 8179 Hereditary Neuropathy**  
(Greyhound)
- 8157 Hereditary Cataract (HSF4)**  
(Australian Shepherd)
- 8154 Hyperuricosuria**  
(all breeds)
- 8198 Junctional Epidermolysis Bullosa (JEB)**  
(German Shorthaired Pointer)
- 8197 Juvenile Renale Dysplasia\* (JRD)**  
(breeds upon request)
- 8000 Copper Toxicosis (CT)**  
(Bedlington Terrier)
- 8062 Malignant Hyperthermia (MH)**  
(all breeds)
- 8125 L-2-Hydroxyglutaric Aciduria (L-2-HGA)**  
(Staffordshire Bull Terrier)
- 8032 MDR1 Gene Defect\* (Ivermectin Sensitivity)**  
Collie, Shetland Sheepdog, Australian Shepherd, Bobtail, Longhaired Whippet, Silken Windhound, American White Shepherd, Waeller, Mc Nab, German Shepherd, Elo)
- 8069 Mucopolysaccharidosis Type VII (MPS)**  
(German Shepherd)
- 8220 Myostation mutation**  
("Bully"-Whippet)
- 8022 Myotonia Congenita**  
(Miniature Schnauzer)
- 8067 Narcolepsy**  
(Doberman Pinscher, Labrador Retriever)
- 8155 Neonatal Encephalopathy**  
(Standard Poodle)
- 8075 Neuronal Ceroid Lipofuscinosis (NCL)**  
(Border Collie, American Bulldog, Dachshund, English Setter, Australian Shepherd, Tibet Terrier)
- 8017 Phosphofruktokinase Deficiency (PFKD)**  
(English Springer Spaniel, American Cocker Spaniel, Whippet)
- 8128 cord1-PRA**  
(Miniature Smoothhaired-, Longhaired Dachshund, English Springer Spaniel)
- prcd-PRA**  
**8094 performed by Optigen\***  
**8127 performed by partnerlab\***  
(American Cocker Spaniel, American Eskimo Dog, Australian Cattle Dog, Australian Shepherd, Australian Stumpy Tail Cattle Dog, Chesapeake Bay Retriever, Chinese Crested, Entlebucher Mountain dog, Finnish Lapphund, Golden Retriever, Kuvasz, Laponian Herder, Labrador Retriever, Labradoodle, Nova Scotia Duck Tolling Retriever, Portuguese Waterdog, English Cocker Spaniel, Swedish Lapphund, Toy Poodle, Dwarf Poodle, Norwegian Elkhound, Spanish Water Dog, Silky Terrier, Yorkshire Terrier, Markiesje)
- 8135 Progressive Retinal Atrophy (crd-PRA)**  
(Standard Wirehaired Dachshund)
- 8002 Progressive Retinal Atrophy (PRA)**  
(Irish Setter, Welsh Corgi, English Mastiff, Bull Mastiff, Sloughi)
- 8153 Progressive Retinal Atrophy\* (rcd2-PRA)**  
(Collie)\*
- 8226 Primary Lens Luxation (PLL)**  
(Chinese Crested, Jack Russell Terrier, Jagd Terrier, Lancashire Heeler, Miniature Bull Terrier, Parson Russell Terrier, Patterdale Terrier, Rat Terrier, Sealyham Terrier, Tibet Terrier, Toy Fox Terrier, Volpino Italiano, Welsh Terrier)
- 8104 Pyruvat Dehydrogenase Phosphatase 1 Deficiency (PDP1)**  
(Cumber, Sussex-Spaniel)
- 8015 Pyruvatkinase Deficiency (PK Deficiency)**  
(Basenji, Westhighland White Terrier)
- 8150 Retinal Dysplasia\* (OSD)**  
(Labrador Retriever, Samoyed)
- 8191 Startle Disease**  
(Irish Wolfhound)
- 8143 Trapped Neutrophil Syndrome\* (TNS)**  
(Border Collie)
- 8210 von-Willebrand-Disease**  
(Dutch Kooiker)
- 8119 von-Willebrand Disease Type 1**  
(Doberman, German Pinscher, Manchester Terrier, Bernese Mountain Dog, Coton de Tulear, Drentsche Patrijshond, Kerry Blue Terrier, Papillon, Stabyhound, Pembroke Welsh Corgi, Poodle)
- 8014 von-Willebrand Disease Type 2**  
(German Wirehaired Pointer, German Shorthaired Pointer)
- 8119 von-Willebrand Disease Type 3**  
(Scotch Terrier, Sheltie)
- 8142 Dwarfism\***  
(Saarloos Wolfdog, German Shepherd, Czechoslovakian Wolfdog)\*

In order to allow the breeding club discount please enclose a breeding club member confirmation to each sample submission. The invoice can not be altered subsequently.



## Dog

### Coat Colours / Coat Length (breeds upon request) (Sample Material: 0,5 - 1 ml EB, Buccal Swabs)

- |   |  |
|---|--|
|  <b>8144</b> A-Locus (Agouti)  |  <b>8195</b> Furnishing*        |
|  <b>8023</b> B-Locus (Coat Colour Brown)                               |  <b>8124</b> Coat Length        |
|  <b>8196</b> Curly*  |  <b>8145</b> K-Locus            |
|  <b>8136</b> D-Locus (Dilution)  |  <b>8185</b> K-Lokus* (brindle) |
|  <b>8018</b> E-Locus (Coat Colours Yellow, Lemon, Red, Cream, Apricot) |  <b>8180</b> Sable*             |
|  <b>8146</b> EM-Locus (Melanistic Mask Allele)                         |  |

### DNA-Profile / Parentage\*\* (Sample Material: 0,5 - 1 ml EB)

- |  |   |
|--|---|
|  <b>8109</b> Parentage verification                               |  <b>8212</b> likelihood ratio calculation (incl. DNA-Profile)<br>(Breeds upon request) |
|  <b>8107</b> DNA-Profile (each parent)<br>(Identity confirmation) |  <b>8211</b> Breed Analysis (DNA-Profile + assignment)<br>(Breeds upon request)        |









For parentage evaluation DNA profiles of each parent is needed.  
If only sample material from one parent is available we would like you to contact us prior to sending in the samples.

## Cat



### Hereditary Diseases (Sample Material: 0,5 - 1 ml EB, Buccal Swabs)

- |   |  |
|---|--|
|  <b>8002</b> Gangliosidosis (GM 1/GM 2)<br>(Korat, Siamese)                                |  <b>8013</b> Polycystic Kidney Disease (PKD)<br>(Persian and related breeds)  |
|  <b>8149</b> Gangliosidosis (GM2)<br>(Burmese)   |  <b>8117</b> Progressive Retinal Atrophy (rdAc-PRA)<br>(Abyssinian, Somali, Ocicat, Siamese, Bengal, Balinese, Javanese, Oriental Shorthair, Tonkinese) |
|  <b>8113</b> Glycogen Storage Disease (GSD) Type IV<br>(Norwegian Forest Cat)             |  <b>8015</b> Pyruvatkinase Deficiency (PK)<br>(Abyssinian, Somali)   |
|  <b>8080</b> Hypertrophic Cardiomyopathy (HCM)<br>Mutation 1 Meurs (G --> C)(Maine Coon) |  <b>8123</b> Feline Spinal Muscular Atrophy (SMA)<br>(Maine Coon)   |
|  <b>8116</b> Hypertrophic Cardiomyopathy (HCM)<br>(Ragdoll)                              |  |

### Coat Colours / Coat Length (Sample Material: 0,5 - 1 ml EB, Buccal Swabs)

- |   |   |
|---|---|
|  <b>8090</b> Coat Colour Variant Agouti<br>(All breeds)                        |  <b>8170</b> Coat colour Amber<br>(Norwegian Forest Cat) |
|  <b>8086</b> Coat Colour Variant Burmese<br>(All breeds)                       |  <b>8084</b> Coat Colour Chocolate<br>(All breeds)       |
|  <b>8085</b> Coat Colour Variant Siamese (Point)<br>(All breeds except Bengal) |  <b>8083</b> Coat Colour Cinnamon<br>(All breeds)        |
|  <b>8099</b> Coat Colour Variant Dilution<br>(All breeds)                      |  <b>8147</b> Coat Length<br>(All breeds)                 |

## Blood group

- |   |  |
|---|--|
|  <b>8121</b> Genetical Blood Group Testing<br>(All breeds except Turkish Angora, Ragdoll, Siberian, Neva Masquerade, European Shorthair) |  <b>818</b> Serological Blood Group Testing<br>(All breeds) |
|---|--|

Serologic evaluation of the blood group is needed to differentiate between groups A, B and AB. Prior to any blood transfusion both donor and recipient should be tested to avoid incompatibilities. SAMPLE MATERIAL: EDTA BLOOD

Additional genetic testing of the blood group is helpful prior to selection of mating partners especially in case of the queen being group A or AB due to the fact that group A animals can carry and pass on the recessive b gene for group B.  
SAMPLE MATERIAL: EDTA BLOOD OR SWAB

### DNA-Profile / Parentage\*\* (Sample Material: 0,5 - 1 ml EB)

- |  |   |
|--|---|
|  <b>8109</b> Parentage verification |  <b>8107</b> DNA-Profile (each parent) |
|--|---|

For parentage evaluation DNA profiles of each parent is needed.  
If only sample material from one parent is available we would like you to contact us prior to sending in the samples.



## Horse

### Hereditary Diseases (Sample Material: 0,5 - 1 ml EB, Mane-/Tailhairs)

<b>8214 CA-Test</b> (Cerebellar Abiotrophy) (Arabian)	<b>8000 HYPP</b> (Hyperkalaemic Periodic Paralysis) (Quarter Horse)
<b>8160 Equine Malignant Hyperthermia</b> (All breeds)	<b>8231 LFS</b> (Lavender foal Syndrom) (Arabian)
<b>8137 GBED</b> (Glycogen-Branching-Enzyme Deficiency) (Quarter Horse)	<b>8138 PSSM</b> (Polysaccharid-Storage-Myopathy Type I) (Quarter Horse, American Paint Horse, Warmblood, Draft Breeds)
<b>8139 HERDA</b> (Hereditary Equine Regional Dermal Asthenia) (Quarter Horse)	<b>8001 SCID</b> (Severe Combined Immunodeficiency) (Arabian)
<b>8072 H-JEB</b> (French Draft Horse)	<b>8061 OLWS</b> (Lethal White Foal Syndrome) (American Paint Horse)

### Coat colours (Sample Material: 0,5 - 1 ml EB, Mane-/Tailhairs)

<b>8070 Coat Colour Black (Agouti)</b> (All breeds)	<b>8183 Coat Colour Variant Pearl*</b> (Breeds upon request)
<b>8174 Coat Colour Variant Champagne</b> (All breeds)	<b>8228 Coat Colour Variant Roan Zygoty*</b> (Breeds upon request)
<b>8071 Coat Colour Variant Cream / Dilution</b> (All breeds)	<b>8148 Coat Colour Variant Sabino</b> (All breeds)
<b>8227 Coat Colour Variant Dun Zygoty*</b> (Breeds upon request)	<b>8213 Coat Colour Variant Silver dapple</b> (All breeds)
<b>8016 Coat Colour Chestnut</b> (All breeds)	<b>8130 Coat Colour Variant Tobiano</b> (All breeds)
<b>8159 Graying</b> (All breeds)	

## Performance

**8187 Speed-Gene**  
(All breeds)

### DNA-profile / Parentage\*\* (Sample Material: 0,5 - 1 ml EB)

<b>8109 Parentage verification</b>	<b>8107 DNA-Profile (each parent)</b>
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For parentage evaluation DNA profiles of each parent is needed.  
If only sample material from one parent is available we would like you to contact us prior to sending in the samples.

#### \*\*Additional Information DNA-Profile

Please send in samples from both parents even if only the parentage of the Father has to be verified.

All animals with possible parenthood should be tested.

Sampling should be performed by an officially appointed person if the result is going to be part of a legal issue.

**8105 Certificate 7,15 €**

- 1) The identity of the animal needs to be confirmed by a veterinarian (specified by Microchip-No, Tattoo-No.)
- 2) Certificates are not issued for partner laboratory services and genetic blood group testing of cats
- 3) Certificates are included in the services of DNA-profile and parentage testing

**In order to allow the breeding club discount please enclose a breeding club member confirmation to each sample submission. The invoice will not be altered subsequently.**

order:  cotton swab ( DNA-tests)  order sheets - genetic



#### Business Conditions:

/ All statements according to our conditions see [www.laboklin.com](http://www.laboklin.com) / All terms and prices are subject to changes.  
\* = partnerlab

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