

Submission Form

Genetic tests for dogs

(Please write legibly and in block letters)

Membership breed club: YES NO

(If YES - please attach a copy of your membership card)

LADR Biofocus

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Internet: www.biofocus.de

Sender/Owner

Full name: _____ Country: _____

Street: _____ Phone: _____

City: _____ Fax: _____

State: _____ Zip-Code: _____ E-mail: _____

Date/Signature: _____

Dog information

Name: _____ Tattoo-No.: _____

Breed: _____ Registration-No.: _____

Coat color: _____ Chip-No.: _____

(required for certificates)

Date of birth: _____ Gender: female male

Dog's parents:

(only necessary for coat color and coat type tests)

Dam's name: _____ Sire's name: _____

Breed: _____ Breed: _____

Coat color: _____ Coat color: _____

Coat length longhair shorthair Coat length longhair shorthair

(only necessary for coat length test)

(only necessary for coat length test)

Sample specification

Sampling by: Owner/Sender Independent authority (e.g. veterinarian or breed warden)

Sample material: buccal swabs (2 samples) EDTA-blood (approx. 0.5 ml)

Please perform the buccal swab thoroughly and make sure that the dog being tested has not eaten anything for at least 30 minutes.

Further information about sample collection is available on our homepage.

Sample labeling: _____

Date of sampling: _____

I hereby confirm that the identity of the above-listed animal was verified and that the samples derive from the above-listed animal. _____

Stamp and signature independent authority

Independent authority name in block letters: _____

Submission of results

Test-results will be send to either the Owner/Sender and/or Veterinarian

Test-results to: Owner/Sender Veterinarian

Invoice to: Owner/Sender Veterinarian

Certificate certificates will be provided for each test separately

Certificate for the first test is free of charge, certificates for two to five tests will cost 7.14 €, more than five certificates will cost 14.28 € (incl. VAT).

Certificates can only be issued if Chip-no. are provided. It is recommended that sampling is carried out by an independent authority (e.g. veterinarian or breed warden) to confirm sample origin.

Data privacy statement: The personal data collected in this form is used to perform the commissioned analysis. Based on art. 6 (1b) EU-DSGVO data will only be used for processing and fulfillment of the contract as well as to process the payment transaction.

Biofocus LADR data protection official is Dirk Fox, Secorvo Security Consultant GmbH, Ettlinger Str. 12-14, 76137 Karlsruhe (email: info@secorvo.de). Information about your personal data stored by Biofocus LADR can be inquired in written form by contacting Manuel Ostendorff (email: m.ostendorff@ladr.de).




Sender/Owner: _____

Dog's name: _____

Genetic Disorders

Actual prices are listed on our homepage and can be inquired by e-mail.

Please pay attention to our test-packages described at the end of the form.

Ataxia, cerebellar, ATP1B2-related (SDCA2) (Belgian Shepherd Dog)	<input type="checkbox"/>	Krabbe disease (Cairn Terrier, Irish Red Setter, West Highland White Terrier)	<input type="checkbox"/>
Bandera's neonatal ataxia (Coton de Tulear)	<input type="checkbox"/>	Leukocyte adhesion deficiency, type I (CLAD) (Irish Red Setter, Irish Red and White Setter)	<input type="checkbox"/>
Bleeding disorder, P2RY12-related (Great Swiss Mountain Dog)	<input type="checkbox"/>	Malignant hyperthermia (MH) (all breeds)	<input type="checkbox"/>
Brachyury / Tail, short (Australian Shepherd, Austrian Pinscher, Australian Stumpy Tail Cattle Dog, Bourbonnais Pointing Dog, Brazilian Terrier, Brittany Spaniel, Croatian Shepherd Dog, Danish-Swedish Farmdog, Jack Russell Terrier, Karelian Bear Dog, Mudi, Polish Lowland Sheepdog, Pyrenean Sheepdog, Savoy Sheepdog, Schipperke, Spanish Water Dog, Swedish Vallhund)	<input type="checkbox"/>	Mucopolysaccharidosis VII (MPS VII) (German Shepherd Dog)	<input type="checkbox"/>
Chondrodysplasia FGF4-Insertion-CFA18 (Basset Hound, Cairn Terrier, Welsh Corgi (Cardigan), Dachshund, Dandie Dinmont Terrier, Lancashire Heeler, Norwich Terrier, Welsh Corgi (Pembroke), Petit Basset Griffon Vendéen, Skye Terrier, Swedish Vallhund, Tebetian Spaniel, West Highland White Terrier)	<input type="checkbox"/>	Multidrug resistance 1 (MDR1) (Australian Shepherd, Bobtail (Old English Sheepdog), Border Collie, Collie (rough), Collie (smooth), Longhaired Whippet, Shetland Sheepdog, Silken Windhound, Wäller, White Swiss Shepherd Dog, Toy Australian Shepherd, German Shepherd Dog)	<input type="checkbox"/>
Chondrodysplasia / Intervertebral Disc Disease Type 1 (IVDD) FGF4-Insertion-CFA12 (breeds with short and long leg phenotypes)	<input type="checkbox"/>	Muscular hypertrophy (bully whippet) (Whippet)	<input type="checkbox"/>
Chondrodysplasia / Intervertebral Disc Disease Type 1 (IVDD) FGF4-Insertion-CFA12 and CFA18 (breeds with short and long leg phenotypes)	 <input type="checkbox"/>	Musladin-Lueke syndrome (MLS) (Beagle)	<input type="checkbox"/>
Copper toxicosis / Wilson disease (Bedlington Terrier)	<input type="checkbox"/>	Myoclonus epilepsy of Lafora* min. 14 days, blood sample required (Basset Hound, Beagle, Dachshund (wire-haired))	<input type="checkbox"/>
Cystinuria, type I - A (Newfoundland, Landseer)	<input type="checkbox"/>	Myopathy, centronuclear (HMLR) (Labrador Retriever)	<input type="checkbox"/>
Cystinuria, type III SLC3A1 and SLC7A9 mutations (American Bulldog, Bulldog, Continental Bulldog, French Bulldog, Leavitt Bulldog, Olde English Bulldog)	<input type="checkbox"/>	Narcolepsy (Dachshund, Dobermann, Labrador Retriever)	<input type="checkbox"/>
Degenerative myelopathy (DM Combi-Test) SOD1:c.118G>A mutation* / SOD1: c.166+9_c.166+10ins (Hovawart, Collie (rough), Poodle)	 <input type="checkbox"/>	Neonatal cerebellar cortical degeneration (NCCD) (Beagle)	<input type="checkbox"/>
Degenerative myelopathy (DM)* SOD1:c.118G>A mutation (all breeds)	<input type="checkbox"/>	Neonatal encephalopathy with seizures (NEWS) (Poodle)	<input type="checkbox"/>
Dry Eye Curly Coat + Episodic Falling (Combi) (Cavalier King Charles Spaniel)	 <input type="checkbox"/>	Nephropathy (English Cocker Spaniel)	<input type="checkbox"/>
Dry Eye Curly Coat Syndrom (Cavalier King Charles Spaniel)	<input type="checkbox"/>	Neuroaxonal dystrophy (NAD) (Papillon, Spanish Water Dog)	<input type="checkbox"/>
Duchenne muscular dystrophy (DMD) (Cavalier King Charles Spaniel)	<input type="checkbox"/>	Neuronal ceroid lipofuscinosis (NCL) (American Bulldog, American Staffordshire Terrier, Australian Cattle Dog, Australian Shepherd, Border Collie, Chinese Crested, Chihuahua, English Setter, Dachshund (long-haired), Tibet Terrier)	<input type="checkbox"/>
Epidermolytic Hyperkeratosis (EHK) (Norfolk Terrier)	<input type="checkbox"/>	Neutropenia, cyclic / Grey Collie Syndrom (Collie (rough), Collie (smooth))	<input type="checkbox"/>
Episodic falling (Cavalier King Charles Spaniel)	<input type="checkbox"/>	Oculoskeletal dysplasia 2 (OSD2/DRD2) (Samoyed)	<input type="checkbox"/>
Factor VII deficiency (Airedale Terrier, Alaskan Klee Kai, Beagle, Giant Schnauzer, Deerhound)	<input type="checkbox"/>	Osteogenesis imperfecta (OI) (Dachshund)	<input type="checkbox"/>
Fucosidosis, alpha (English Springer Spaniel)	<input type="checkbox"/>	Phosphofructokinase deficiency (PFK) / Glycogen Storage Disease VII (GSD VII) (American Cocker Spaniel, English Springer Spaniel, Whippet, English Cocker Spaniel, German Spaniel)	<input type="checkbox"/>
GM1-Gangliosidosis (Alaskan Husky)	<input type="checkbox"/>	Primary ciliary dyskinesia (PCD) (Bobtail (Old English Sheepdog))	<input type="checkbox"/>
Golden Retriever Muscular dystrophy (GRMD) (Golden Retriever)	<input type="checkbox"/>	Primary hyperoxaluria type I (PH1) (Coton de Tulear)	<input type="checkbox"/>
Haemophilia A X-linked (Havanese)	<input type="checkbox"/>	Pug Dog Encephalitis (PDE) / Necrotizing meningoencephalitis (NME) (Pug)	<input type="checkbox"/>
Hyperkeratosis, palmoplantar (HFH) (Irish Terrier, Kromfohländer)	<input type="checkbox"/>	Pyruvate dehydrogenase deficiency (PDPD) (Cumber-Spaniel, Sussex-Spaniel)	<input type="checkbox"/>
Hyperuricosuria (HU) (all breeds)	<input type="checkbox"/>	Pyruvate kinase deficiency (Basenji, Cairn Terrier, West Highland White Terrier)	<input type="checkbox"/>
Ichthyosis (Icht-GR) (Golden Retriever)	<input type="checkbox"/>	Severe combined immunodeficiency disease (SCID) autosomal (Jack Russell Terrier)	<input type="checkbox"/>
		Severe combined immunodeficiency disease (XSCID) X-linked (Basset Hound, Welsh Corgi (Cardigan))	<input type="checkbox"/>
		Trapped Neutrophil Syndrom (TNS) (Border Collie)	<input type="checkbox"/>

Sender/Owner: _____

Dog's name: _____

Von Willebrand disease I (vWDI) (Australian Labradoodle, Basset Hound, Bernese Mountain Dog, Coton de Tulear, Dachshund, German Shepherd Dog, Dobermann, Drentsche Partridge Dog, Stabijhoun, Goldendoodle, Kerry Blue Terrier, Poodle, Manchester Terrier, Papillon, Poodle (Multicolor), Poodle (Toy), Rottweiler, Welsh Corgi (Pembroke), Wolfspitz (Keeshond), Poodle (Miniature), Miniature Schnauzer)	<input type="checkbox"/>
Von Willebrand disease II (vWDII) (German Pointing Dog (short-haired), German Pointing Dog (wire-haired))	<input type="checkbox"/>

Von Willebrand disease III (vWDIII) (Scottish Terrier, Shetland Sheepdog) <i>*partner laboratory</i>	<input type="checkbox"/>
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Eye Disorders

Achromatopsia (cone degeneration (CD), hemeralopia) (German Pointing Dog (short-haired))	<input type="checkbox"/>
Autosomal dominant progressive retinal atrophy (ADPRA) (Mastiff, Bullmastiff)	<input type="checkbox"/>
Collie eye anomaly (CEA) (Australian Shepherd, Border Collie, Boykin Spaniel, Lancashire heeler, Longhaired Whippet, Collie (rough), Shetland Sheepdog, Silken Windhound, Collie (smooth))	<input type="checkbox"/>
Cone rod dystrophy 1 (crd1) (American Staffordshire Terrier)	<input type="checkbox"/>
Cone rod dystrophy 2 (crd2) (American Pitt Bull Terrier)	<input type="checkbox"/>
Cone rod dystrophy 3 (crd3)** (Irish Glen of Imaal Terrier)	<input type="checkbox"/>
Cone rod dystrophy 4 (crd4 / cord1) (Bolonka Zwetna, Dachshund, English Springer Spaniel)	<input type="checkbox"/>
Crd - Cone rod dystrophy (Dachshund (wire-haired))	<input type="checkbox"/>
Generalized progressive retinal atrophy (gPRA)*** <i>Schapenoes package 1</i> <i>Generalized progressive retinal atrophy (gPRA), DNA-profile, certificate, blood storage.</i>	<input type="checkbox"/>
Generalized progressive retinal atrophy (gPRA)*** <i>Schapenoes package 2</i> <i>Generalized progressive retinal atrophy (gPRA), certificate, blood storage.</i>	<input type="checkbox"/>
Golden Retriever PRA 1 (GR-PRA1) (Golden Retriever)	<input type="checkbox"/>
Golden Retriever PRA 2 (GR-PRA2) (Golden Retriever)	<input type="checkbox"/>
Leber congenital amaurosis / Congenital stationary night blindness (CSNB) (Briard)	<input type="checkbox"/>
Lens luxation (PLL) (American Eskimo Dog, American Hairless Terrier, Australian Cattle Dog, Chinese Crested Dog, Chinese Foo Dog, Fox Terrier, Jack Russell Terrier, German Hunting Dog, Lakeland Terrier, Lancashire Heeler, Lucas Terrier, Miniature Bull Terrier, Pug, Norfolk Terrier, Norwich Terrier, Parson Russell Terrier, Patterdale Terrier, Rat Terrier, Sealyham Terrier, Teddy Roosevelt Terrier, Tenterfield Terrier, Tibetan Terrier, Fox Terrier (Toy), Italiano Volpino, Welsh Terrier, Westfalen Terrier, Yorkshire Terrier)	<input type="checkbox"/>
Multifocal retinopathy 1 (CMR1) (American Bulldog, Australian Shepherd, Boerboel, Bullmastiff, Dogue de Bordeaux, Bulldog, Mastiff, French Bulldog, Pyrenean Mountain Dog, Italian Cane Corso, Dogo Canario)	<input type="checkbox"/>

Multifocal retinopathy 2 (CMR2) (Coton de Tulear)	<input type="checkbox"/>
Primary hereditary cataract, early onset (HK/HSF4) (Australian Shepherd, Miniature American Shepherd, Miniature Australian Shepherd)	<input type="checkbox"/>
Primary hereditary cataract, juvenile (JHK/HSF4) (Boston Terrier, French Bulldog, Staffordshire Bull Terrier)	<input type="checkbox"/>
Progressive retinal atrophy (PRA1) (Papillon, Phalene)	<input type="checkbox"/>
Progressive retinal atrophy, CNGA1-related (Shetland Sheepdog)	<input type="checkbox"/>
Progressive retinal atrophy, type 1 (XLPRA1) X-linked (Samoyed, Siberian Huskie, Weimaraner)	<input type="checkbox"/>
Progressive retinal atrophy, type 2 (XLPRA2) X-linked (Mongrel)	<input type="checkbox"/>
Progressive retinal atrophy, type 3 (PRA3) (Tibetan Terrier, Tibetan Spaniel)	<input type="checkbox"/>
Progressive rod-cone degeneration (prcd-PRA) (American Cocker Spaniel, Australian Cattle Dog, Australian Shepherd, Australian Stumpy Tail Cattle Dog, Bolonka Zwetna, Chesapeake Bay Retriever, Chinese Crested Dog, Chihuahua, English Cocker Spaniel, Entlebuch Cattle Dog, Finnish Lapphund, Golden Retriever, Karelian Bear Dog, Kuvasz, Labrador Retriever, Lapponian Herder, Poodle (Miniature), Norwegian Elkhound (grey), Norwegian Elkhound (black), Nova Scotia Duck Tolling Retriever, Portugese Water Dog, Spanish Water Dog, Swedish Lapphund, Poodle (Toy), Yorkshire Terrier)	<input type="checkbox"/>
Rod-cone dysplasia 1 (rcd1-PRA) (Irish Red Setter, Irish Red and White Setter)	<input type="checkbox"/>
Rod-cone dysplasia 1a (rcd1a-PRA) (Sloughi)	<input type="checkbox"/>
Rod-cone dysplasia 3 (rcd3-PRA) (Welsh Corgi (Cardigan))	<input type="checkbox"/>
Rod-cone dysplasia 4 (rcd4-PRA) (Gordon Setter, Irish Red Setter, Tibetan Terrier, Poodle)	<input type="checkbox"/>

With the owner's signature it is agreed that the crd3-results of all Glen of Imaal Terrier may be given to **The Kennel Club

****With the owner's signature it is agreed that the gPRA-results of all Schapenoes may be given to the **International Schapenoes Federation***

Sender/Owner: _____

Dog's name: _____

Coat Colors

A-Locus: ay, aw, at, a-alleles <i>Sable-fawn, wild type, wolf sable, black-and-tan, saddle-tan, recessive black</i> (all breeds)	<input type="checkbox"/>
B-Locus: <i>Brown, chocolate</i> (all breeds)	<input type="checkbox"/>
D-Locus: <i>Dilution</i> (all breeds)	<input type="checkbox"/>
E-Locus: EM-allele <i>Melanistic mask</i> (all breeds)	<input type="checkbox"/>
E-Locus: <i>Yellow, lemon, red, cream, apricot</i> (all breeds)	<input type="checkbox"/>

H-Locus: <i>Coat color harlequin</i> (Great Dane)	<input type="checkbox"/>
K-Locus: KB, ky-alleles, kbr is not tested <i>Dominant black</i> (all breeds)	<input type="checkbox"/>
M-Locus: m, M, Mc, Ma, Mh-alleles <i>Coat color merle</i> (all breeds)	<input type="checkbox"/>

Coat Type

Curly coat (Airedale Terrier, American Water Spaniel, Bichon Frise, Border Collie, Boykin Spaniel, Chesapeake Bay Retriever, Chihuahua, Dachshund, Havanese, Kerry Blue Terrier, Kuvasz, Leonberger, Maltese, Pharaoh Hound, Portuguese Water Dog, Soft Coated Wheaten Terrier, Welsh Terrier, Wire Fox Terrier)	<input type="checkbox"/>
Furnishings / Improper coat (Brussels Griffon, Chinese Crested, Dachshund, German Wirehaired Pointer, Havana Silk Dog, Havanese, Jack Russell Terrier, Portuguese Water Dog, Soft-Coated Wheaten Terrier)	<input type="checkbox"/>

Hair length <i>FGF5: c.284G>T; p.Cys95Phe mutation</i> (all breeds)	<input type="checkbox"/>
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DNA-profile (ISAG)

DNA-profile Certificate DNA-profile

Certificate for the DNA-profile will cost 7.14 € (incl. VAT), reports for parentage verification are free of charge.

- Certificates can only be issued if Chip-no. are provided. It is recommended that sampling is carried out by an independent authority (e.g. veterinarian or breed warden) to confirm sample origin.

Test-packages

Our test-packages allow cost-effective selection of multiple tests for genetic disorders, coat colors and coat types within one package. Per animal you can select up to 10 tests and each additional test ordered for the same animal increases discount.

The advantage our test package has, is, that only meaningful tests are performed for a particular animal. You as the customer select the tests needed for your specific animal. This avoids screenings for mutations that are not validated for the breed or are meaningless and could have unfavorable effects on breeding decisions.

Caution! Combi-tests, DNA-profiles and tests performed by our partner laboratories cannot be selected within a test-package. If you order two and more genetic tests in addition to a Combi-test for the same animal, selecting the parameters of the Combi-test as single tests will result in a higher discount.

Parentage verification

- please use the parentage verification submission form -

- DNA-profiles (ISAG) are necessary for each involved animal for parentage verification.
- DNA-profiles of both parents are recommended to achieve the highest accuracy.
- If DNA-profiles have to be generated for all involved individuals, parentage verification is free of charge, independent of the number of samples submitted.
- If DNA-profiles are provided by the submitter (e.g. DNA-profiles of the parents), parentage verification will cost 23.80 € (incl. VAT) in total.
- Parentage verification report is free of charge.