



Slovgen s. r. o. , Diagnostic laboratory, ILKOVIČOVA 8, 841 04 BRATISLAVA 4,  
Slovak Republic, tel : 00421 905 550 916, Reg. No. (ICO): 35700629, VAT: SK2020906151,  
accounts: SK551100000002626252786 (TATRSKBX); CZ885500000006107902001 (RZBCCZPP); Paypal  
FS5LN9AAC848S

Slovgen s.r.o. registered in Register of Companies at District court Bratislava I, in section Sro, number 1939/B

## GENERAL SUBMISSION FORM

Explanatory notes:

**PART A** – Customer information (Owner, Breeder or Vet clinic). Please fill this part just once for an order; it doesn't matter on number of animals or analyses.

**PART B** – Animal information. Please fill this part for all of animal in one order. (For example, if you have 3 animals you need to fill PART 3 – three times (page no. 1 and 5). Customer verifies the data with the signature.

**PART C** – This part contains all analyses that are possible to order by Slovgen Laboratory. Please type required analyses from PART C in this form to TABLE 1. (Do not print / do not send)

**TABLE 1** – Required analyses are filled by customer from PART C.

**TABLE 2** – Will be filled by laboratory.

### PART A: CUSTOMER INFORMATION

**Owner:**

Name: .....

Address (Street, ZIP code, City, Country): .....

.....

.....

.....

Phone number: .....

e-mail: .....

Invoice to:  vet clinic  owner/breeder

Results by:  e-mail  mail

Payment method:  bank transfer

PayPal

Results to:  vet clinic

owner

**Vet clinic:** – (Confirmation of the correctness of the biological material and animal data):

Name of vet: .....

Stamp+signature:

Reg. No. Vet: .....

VAT .....

e-mail: .....

### PART B: ANIMAL INFORMATION #required information

Species:# dog  cat  Sex:# male  female  Signature: .....

Customer confirms that the information about the animal analyzed are truthful and that sampling material belongs to the alleged animal. The customer signature confirms the consent to store the submitted samples in a database and to use it for further genetic analyses for research purposes. Samples will be processed anonymously only with regard to breed and sex.

Sample:#  blood (EDTA)  buccal swab Date of collecting sample:# .....

Date of Birth:# ..... Coat color:# .....

Name of the animal:# .....

Breed:# ..... Pedigree No.: .....

Microchip No.: ..... Tattoo No.: .....

**TABLE 1: Type of required analyses is filled by customer (choose from PART C):**

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**TABLE 2: \* will be filled by the laboratory** Date Received: \*

Laboratory Code:\*



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**PART B: ANIMAL INFORMATION #required information**

**Species:#** dog  cat  **Sex:#** male  female  **Signature:** \_\_\_\_\_

Customer confirms that the information about the animal analyzed are truthful and that sampling material belongs to the alleged animal. The customer signature confirms the consent to store the submitted samples in a database and to use it for further genetic analyses for research purposes. Samples will be processed anonymously only with regard to breed and sex.

**Sample:#**  blood (EDTA)  buccal swab **Date of collecting sample:#** \_\_\_\_\_

**Date of Birth:#** \_\_\_\_\_ **Coat color:#** \_\_\_\_\_

**Name of the animal:#** \_\_\_\_\_

**Breed:#** \_\_\_\_\_ **Pedigree No.:** \_\_\_\_\_

**Microchip No.:** \_\_\_\_\_ **Tattoo No.:** \_\_\_\_\_

**TABLE 1: Type of required analyses is filled by customer (choose from PART C):**

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<b>TABLE 2: * will be filled by the laboratory</b>	<b>Date Received: *</b>
Laboratory Code:*	

**PART B: ANIMAL INFORMATION #required information**

**Species:#** dog  cat  **Sex:#** male  female  **Signature:** \_\_\_\_\_

Customer confirms that the information about the animal analyzed are truthful and that sampling material belongs to the alleged animal. The customer signature confirms the consent to store the submitted samples in a database and to use it for further genetic analyses for research purposes. Samples will be processed anonymously only with regard to breed and sex.

**Sample:#**  blood (EDTA)  buccal swab **Date of collecting sample:#** \_\_\_\_\_

**Date of Birth:#** \_\_\_\_\_ **Coat color:#** \_\_\_\_\_

**Name of the animal:#** \_\_\_\_\_

**Breed:#** \_\_\_\_\_ **Pedigree No.:** \_\_\_\_\_

**Microchip No.:** \_\_\_\_\_ **Tattoo No.:** \_\_\_\_\_

**TABLE 1: Type of required analyses is filled by customer (choose from PART C):**

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<b>TABLE 2: * will be filled by the laboratory</b>	<b>Date Received: *</b>
Laboratory Code:*	



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**PART C: Choose required analyses from table below: (do not print / do not send)**

**Canine** (results are usually in 5 working days, \* analyses usually took 10-15 working days)

1) Analyses	2) Description
<b>AUO-pack 1</b>	for Australian Shepherd: CEA-SG#, DM-SG#, CMR1, HSF4, NBT, MDR1, NCL6, PRA-prcd
<b>AUO-pack 2</b>	for Australian Shepherd: CEA-SG#, DM-SG#, CMR1, HSF4, NBT, MDR1, PRA-prcd
<b>AUO-pack 3</b>	for Australian Shepherd: CEA-SG#, DM-SG#, CMR1, HSF4, MDR1, PRA-prcd
<b>BC-pack 1</b>	for Border Collie: CEA-SG#, GG, IGS, MDR1, NCL5, TNS, SN, Raine
<b>BC-pack 2</b>	for Border Collie: CEA-SG#, GG, IGS, MDR1, TNS, SN, Raine
<b>COL-pack 1</b>	COL-pack 1 for Collies: CEA-SG#, DM-SG#, CN-GCS, IPD, JRD, MDR1
<b>COL-pack 2</b>	COL-pack 2 for Collies: CEA-SG#, DM-SG#, CDPA / CDDY (IVDD), CN-GCS, IPD, MDR1
<b>COL-pack 3</b>	COL-pack 3 for Collies: CEA-SG#, DM-SG#, CN-GCS, HUU, JRD, IPD, MDR1
<b>COL-pack 4</b>	COL-pack 4 for Collies: CEA-SG#, DM-SG#, CDPA / CDDY (IVDD), CN-GCS, JRD, IPD, MDR1
<b>GR-pack 1</b>	GR-pack 1 for Golden Retriever: ICT-A, GRMD, GR-PRA1, GR-PRA2, PRA-prcd
<b>SHET-pack 1</b>	SHET-pack1: CEA-SG#, DM-SG#, MDR1, PRA-shet, vWDIII
<b>SHET-pack 2</b>	SHET-pack2: CEA-SG#, DM-SG#, IPD, MDR1, PRA-shet
<b>SHET-pack 3</b>	SHET-pack3: CEA-SG#, DM-SG#, IPD, MDR1, PRA-shet, vWDIII
<b>SHET-pack 4</b>	SHET-pack4: CEA-SG#, DMS, DM-SG#, IPD, MDR1, vWDIII
<b>CEA-EVG</b>	Collie eye anomaly (by cooperating lab EVG Maribor)
<b>CEA-SG</b>	Collie eye anomaly (partner lab under Slovgen supervision)
<b>CDPA / CDDY (IVDD)</b>	CDPA / CDDY (IVDD) - Chondrodysplasia, chondrodystrophy and risk of Intervertebral Disc Disease for Dachshunds, Welsh Corgi, Pekingese, Shih Tzu, Cocker Spaniel, French Bulldog and Beagle.
<b>CKCSID*</b>	dry eye curly coat syndrome for Cavalier King Charles Spaniel - congenital keratoconjunctivitis sicca and ichthyosiform dermatosis
<b>CMO</b>	Craniomandibular osteopathy - for terriers
<b>CMR1</b>	Canine multifocal retinopathy type 1 in Great Pyrenees, English Mastiffs, Bullmastiffs, Cane Corso, Dogue de Bordeaux, English Bulldog, American Bulldog, Pero se Presa Canario and Australian shepherds
<b>CN*- GCS</b>	Cyclic Neutropenia (CN) - <b>GREY COLLIE SYNDROME</b> - grey collie, smooth and rough collie
<b>CNM</b>	(Centronuclear Myopathy)/ HMLR (Hereditary myopathy of Labrador retrievers)
<b>CSNB</b>	Congenital Stationary Night Blindness for Briard
<b>CYS</b>	Cystinuria for Newfoundland dogs and Landseer
<b>DCM</b>	DCM - Dilated Cardiomyopathy, doberman
<b>Fa VII</b>	Factor VII deficiency - Deficit faktoru VII (Airedale Terrier, Alaskan Klee Kai (Miniature Alaskan Husky), Giant Schnautzer and Scottish Deerhound)
<b>DM- DogTest-partner lab</b>	Degenerative myelopathy (by cooperating lab <b>DogTest lab</b> )



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<b>DM-SG partner lab</b>	Degenerative myelopathy (partner lab under Slovgen supervision)
<b>DM - BSP exon 1</b>	Degenerative myelopathy for Bernese mountain dog
<b>DMS</b>	Dermatomyositis Pan2/MAP3K7CL/DLA-DRB1*002:01 for collies and shelties
<b>DWARF</b>	dwarfism (pituitary nanism) German shepherds, Saarloos Wolfdogs and Czechoslovakian Wolfdogs
<b>DWARF-LABR/SD2</b>	SD2 - skeletal dysplasia 2 for Labrador
<b>EFS</b>	(Episodic Falling Syndrome) for Cavalier King Charles Spaniel
<b>FN</b>	Familiar Nephropathy – English Cocker Spaniels
<b>FUCA</b>	Fucosidosis in English Springer Spaniels
<b>GG</b>	Goniodysgenesis and glaucoma for Border Collies , Flat coated retriever, Leonberger, Dandie dinmont terrier, Basset, Magyar Vizsla, Golden retriever
<b>GRMD</b>	Golden retriever muscular dystrophy
<b>GR-PRA1*</b>	for Golden retriever
<b>GR-PRA2*</b>	for Golden retriever
<b>HC/HSF4*</b>	hereditary cataract Australian shepherd, Staffordshire Bull Terrier a Boston Terrier
<b>HEM-P2Y12</b>	Hemorrhage – P2Y12 receptor (Greater Swiss Mountain dog)
<b>HUU*</b>	Hyperuricosuria
<b>ICT-A:</b>	Congenital Ichthyosis*for Golden retriever
<b>IGS</b>	Imerslund-Gräsbeck syndrom (Border collie)
<b>IMGD</b>	Inherited Myopathy in Great Danes
<b>IPD</b>	Inflammatory pulmonary disease
<b>IVDD (CDPA / CDDY)</b>	Chondrodysplasia, chondrodystrophy and risk of Intervertebral Disc Disease: Dachshunds, Welsh Corgi, Pekinese, Shih Tzu, Cocker Spaniel, French Bulldog and Beagle
<b>JLPP*</b>	Juvenile Laryngeal Paralysis & Polyneuropathy (JLPP) - Rottweiler, Black Russian Terriers
<b>JME</b>	Juvenile Myoclonic Epilepsy - Rhodesian Ridgeback
<b>JRD</b>	Juvenile renal dysplasia - several breeds
<b>L-2-HGA*</b>	L-2-HGA - L-2-hydroxyglutaric aciduria in Staffordshire bull terriers
<b>MDL</b>	Muscular dystrophy for Landseer
<b>MH*</b>	Malignant Hyperthermia, all dogs
<b>MDR1</b>	multidrug resistance gene – direct detection of nt230(del4)
<b>MLS</b>	Musladin-Leuke Syndrom (Beagle)
<b>NAD</b>	Neuroaxonal dystrophy for Papillons
<b>NAR-LR</b>	Narcolepsy for Labrador Retriever
<b>Nar-Dob</b>	Narcolepsy: Dobermann
<b>NBT</b>	Bob Tail/ Short Tail
<b>NCCD</b>	Neonatal cerebellar cortical degeneration - cerebellar abiotrophy - Beagle
<b>NCL5</b>	(neuronal ceroid lipofuscinosis – for Border collie
<b>NCL</b>	(neuronal ceroid lipofuscinosis – for Tibetan Terriers



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1) Analyses	2) Description
<b>NCL6*</b>	(neuronal ceroid lipofuscinosis – for Australian Shepherd)
<b>N. can</b>	Neospora caninum
<b>NEWS</b>	Neonatal encephalopathy with seizures – Standard Poodle
<b>OCA-2</b>	OCA-2 - Spitz - Oculocutaneous albinism type 2
<b>OCA-4 Bull</b>	OCA - Oculocutaneous albinism Bullmastiff (c.1287delC in gene SLC45A2)
<b>OCA-4 Dob</b>	OCA - Oculocutaneous albinism Doberman (SLC45A2, 4081bp del)
<b>pap-PRA1</b>	progressive retinal atrophy - for Pappilons, Phalens
<b>PK-BEAG</b>	Deficiency of pyruvate kinase for Beagle
<b>PK-LABR</b>	Deficiency of pyruvate kinase for Labrador retriever
<b>PK-MOPS</b>	Deficiency of pyruvate kinase for Pug (Mops)
<b>PK-WHWT</b>	Deficiency of pyruvate kinase for Cairn Terrier and West Highland White Terrier
<b>PLL</b>	Primary lens luxation
<b>PRA1-GR*</b>	Progressive retinal atrophy for Golden retriever = <b>GR-PRA1*</b>
<b>PRA2-GR*</b>	Progressive retinal atrophy for Golden retriever = <b>GR-PRA2*</b>
<b>PRA-cord1</b>	Progressive retinal atrophy for Standard wire-haired dachshunds, miniature long-haired dachshunds, English springer spaniels and pit bull terriers
<b>PRA-cord2</b>	Progressive retinal atrophy for standard wire-haired dachshunds
<b>PRA-prcd</b>	Progressive retinal atrophy for several breeds
<b>PRA-rcd2</b>	Progressive retinal atrophy for Collie
<b>PRA-rcd3</b>	Progressive retinal atrophy for Cardigan Welsh Corgi
<b>PRA-rcd4*</b>	Progressive retinal atrophy for Terriers, Setters etc.
<b>PRA-shet</b>	Progressive retinal atrophy for Sheltie (CNGA1)
<b>Raine Syndrome (DH)</b>	Raine syndrome - Dental Hypomineralization for Border Collie
<b>SD2 - Dwarf LABR</b>	SD2 - skeletal dysplasia 2 - Dwarf for Labrador
<b>SDCA1</b>	SDCA1 -Spongy cerebellar degeneration with cerebellar ataxia (Belgian shepherds – malinois)
<b>SDCA2</b>	SDCA2 -Spongy cerebellar degeneration with cerebellar ataxia (Belgian shepherds – malinois)
<b>SN</b>	Sensory neuropathy for Border Collie
<b>TNS</b>	(Trapped Neutrophil Syndrome – for Border collie)
<b>T. gondii</b>	Toxoplasma gondii
<b>VDEG</b>	Van den Ende-Gupta syndrome in Wire Fox Terrier
<b>vWDI</b>	von Willebrand disease for several breed Basethound, Bernese mountain dog, Coton de Tulear, Dachshund (standard, mini), Doberman pinscher, Drentsche Patrijshond, German Shepherd, Golden retriever, Goldendoodle, Keeshound, Kerry blue terrier, Labradoodle, Manchester terrier, Miniature Schnauzer, Papillion, Poodle, Rottweiler, Stabyhoun, Welsh Corgi Pembroke
<b>vWDII</b>	von Willebrand disease for German Shorthaired Pointers, German Wirehaired Pointers and Collies
<b>vWDIII</b>	von Willebrand disease for Shetland Sheepdog

#### DOG DNA PROFILING/PARENTAGE:

1) Analyses	2) Description
<b>DNA profile</b>	STR-21 loci + amelogenin (ISAG 2006), DNA profile including parentage test/confirmation



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### COAT COLOR AND QUALITY:

1) Analyses	2) Description
<b>Hairlessness</b>	for Chinese Crested, Peruvian Inca Orchid and Mexican Xoloitzcuintle
<b>FGF5</b>	Fluffy gene, long or short hair
<b>KRT71</b>	Curly coat
<b>Locus A</b>	(coat colour – ay >aw> at> a)
<b>Locus B</b>	(coat colour)
<b>Locus BE*</b>	(coat colour) – brown for Australian Shepherd
<b>Locus D</b>	(coat colour)
<b>Locus E</b>	(coat colour)
<b>Locus K</b>	(coat colour)
<b>Locus EM</b>	(coat colour) -melanistic mask
<b>Locus M - Merle</b>	(coat colour), merle/cryptic merle
<b>Locus S (spotting)</b>	(coat colour), white factor
<b>RSPO2/IC</b>	improper coat

### Feline:

1) Analysis	2) Description
<b>PKD</b>	Polycystic Kidney Disease (for cats)

### BIRD:

1) Analysis	2) Description
<b>Sex</b>	Bird sexing
<b>PBFD</b>	Psittacine Beak and Feather Disease
<b>APV</b>	Avian Polyoma Virus
<b>Ch. psittaci</b>	Chlamydophila psittaci