



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:

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

Name of vet:

Stamp+signature:

Reg. No. Vet:

VAT

e-mail:

Invoice to: vet clinic owner/breeder **Results by:** e-mail mail

Payment method: bank transfer PayPal **Results to:** vet clinic owner

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



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



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1) Analyses	2) Description
NCL5	(neuronal ceroid lipofuscinosis – for Border collie
NCL	(neuronal ceroid lipofuscinosis – for Tibetan Terriers
NCL6*	(neuronal ceroid lipofuscinosis – for Australian Shepherd
N. can	Neospora caninum
NEWS	Neonatal encephalopathy with seizures – Standard Poodle
OCA-2	OCA-2 - Spitz - Oculocutaneous albinism type 2
OCA-4 Bull	OCA - Oculocutaneous albinism Bullmastiff (c.1287delC in gene SLC45A2)
OCA-4 Dob	OCA - Oculocutaneous albinism Doberman (SLC45A2, 4081bp del)
pap-PRA1	progressive retinal atrophy - for Pappilons, Phalens
PK-BEAG	Deficiency of pyruvate kinase for Beagle
PK-LABR	Deficiency of pyruvate kinase for Labrador retriever
PK-MOPS	Deficiency of pyruvate kinase for Pug (Mops)
PK-WHWT	Deficiency of pyruvate kinase for Cairn Terrier and West Highland White Terrier
PLL	Primary lens luxation
PRA1-GR*	Progressive retinal atrophy for Golden retriever = GR-PRA1*
PRA2-GR*	Progressive retinal atrophy for Golden retriever = GR-PRA2*
PRA-cord1	Progressive retinal atrophy for Standard wire-haired dachshunds, miniature long-haired dachshunds, English springer spaniels and pit bull terriers
PRA-cord2	Progressive retinal atrophy for standard wire-haired dachshunds
PRA-prcd	Progressive retinal atrophy for several breeds
PRA-rcd2	Progressive retinal atrophy for Collie
PRA-rcd3	Progressive retinal atrophy for Cardigan Welsh Corgi
PRA-rcd4*	Progressive retinal atrophy for Terriers, Setters etc.
PRA-shet	Progressive retinal atrophy for Sheltie (CNGA1)
Raine Syndrome (DH)	Raine syndrome - Dental Hypomineralization for Border Collie
SD2 - Dwarf LABR	SD2 - skeletal dysplasia 2 - Dwarf for Labrador
SDCA1	SDCA1 -Spongy cerebellar degeneration with cerebellar ataxia (Belgian shepherds – malinois)
SDCA2	SDCA2 -Spongy cerebellar degeneration with cerebellar ataxia (Belgian shepherds – malinois)
SN	Sensory neuropathy for Border Collie
TNS	(Trapped Neutrophil Syndrome – for Border collie)
T. gondii	Toxoplasma gondii
VDEG	Van den Ende-Gupta syndrome in Wire Fox Terrier
vWDI	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
vWDII	von Willebrand disease for German Shorthaired Pointers, German Wirehaired Pointers and Collies
vWDIII	von Willebrand disease for Shetland Sheepdog
XL-PRA1	Progressive retinal atrophy for Siberian husky, Samoyed
XL-PRA2	Progressive retinal atrophy for Miniature Schnauzer



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DOG DNA PROFILING/PARENTAGE:

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

COAT COLOR AND QUALITY:

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

Feline:

1) Analysis	2) Description
PKD	Polycystic Kidney Disease (for cats)

BIRD:

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