



**ZooOmics™** is the Animal Genetics Division of **inqaba biotec™**  
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## Canine Sample Submission Form

Samples to be submitted to ZooOmics:
<p>525 Justice Mahomed Street, Muckleneuk, Pretoria, 0002</p> <p><b>Please send the tracking/post office reference number to: <a href="mailto:info@ZooOmics.co.za">info@ZooOmics.co.za</a></b></p> <p><b>Number of samples submitted:</b></p>

Veterinary Clinic					
For Vet Practice use only					
Clinic Name:					
Physical Address:					
Contact number:					
Email:					
Client's details					
Name:					
Physical Address:					
Contact number:					
Email:					
Account for:					
Account for:	<b>Veterinary Clinic</b> <input type="checkbox"/>	<b>Client</b> <input type="checkbox"/>			
Would you like the clients details issued on the reports?		YES	NO		

Private	
For private client use only	
Name:	
Physical Address:	
Contact number:	
Email:	
Account for:	
Name:	
Physical Address:	
Contact number:	
Email:	
Report to be released to:	
Email:	
Email:	

ANIMAL DETAILS						
Canine name:				Sex:	Male	Female
Microchip No.:				Date of birth:	YYYY/MM/DD	
Registration No.				Colour:		
Breed:						

**GENETIC HEALTH TEST**

<b>Degenerative Myelopathy (SOD1)</b> (Various Breeds)	<input type="checkbox"/>	<b>Trapped Neutrophil Syndrome (TNS)</b> (Border Collie)	<input type="checkbox"/>	<b>Familial Nephropathy (FN)</b> (Cocker Spaniel)	<input type="checkbox"/>
<b>Cystinuria</b> (Various Breeds)	<input type="checkbox"/>	<b>Neuronal Ceroid Lipofuscinosis (CLN5)</b> (Border collie, Australian Cattle Dog, Golden Retriever)	<input type="checkbox"/>	<b>Myoclonic Epilepsy (DIRAS1)</b> (Rhodesian Ridgeback)	<input type="checkbox"/>
<b>Pyruvate Kinase Deficiency (PKLR)</b> (Labrador Retriever, Pug, Beagle)	<input type="checkbox"/>	<b>Neuronal Ceroid Lipofuscinosis (CLN1/PPT1)</b> (Dachshund)	<input type="checkbox"/>	<b>Arrhythmic Right Ventricular Cardiomyopathy (STRN)</b> (Boxer)	<input type="checkbox"/>
<b>Centronuclear Myopathy (BIN1)</b> (Great Dane)	<input type="checkbox"/>	<b>Neuronal Ceroid Lipofuscinosis (CLN2/TTP1)</b> (Dachshund)	<input type="checkbox"/>	<b>Dilated Cardiomyopathy (PDK4)</b> (Dobermann)	<input type="checkbox"/>
<b>Centronuclear Myopathy (PTPLA)</b> (Labrador Retrievers & Labradoodles)	<input type="checkbox"/>	<b>Neuronal Ceroid Lipofuscinosis (CLN6)</b> (Collie & Shepherd breeds)	<input type="checkbox"/>	<b>Dilated Cardiomyopathy (RBM20)</b> (Dobermann & Schnauzer)	<input type="checkbox"/>
<b>Copper Storage Disease (ATP7B)</b> (Labrador Retrievers & Labradoodles)	<input type="checkbox"/>	<b>Neuronal Ceroid Lipofuscinosis (CLN8)</b> (Collie & Shepherd breeds)	<input type="checkbox"/>	<b>Dilated Cardiomyopathy (TTTN)</b> (Dobermann)	<input type="checkbox"/>
<b>Exercise Induced Collapse (NEI)</b> (Various Breeds)	<input type="checkbox"/>	<b>Neuronal Ceroid Lipofuscinosis (CTSD)</b> (Bulldogs)	<input type="checkbox"/>	<b>Hereditary Nasal Parakeratosis (SUV39H2)</b> (Labrador Retrievers)	<input type="checkbox"/>
<b>Progressive Retinal Atrophy (PRCD)</b> (Various Breeds)	<input type="checkbox"/>	<b>Neuronal Ceroid Lipofuscinosis (CLN8)</b> (English Setters)	<input type="checkbox"/>	<b>Ichthyosis (PNPLA1)</b> (Golden Retriever)	<input type="checkbox"/>
<b>Progressive Retinal Atrophy (GR_PR1)</b> (Golden Retriever)	<input type="checkbox"/>	<b>Cerebellar Ataxia (ARSG)</b> (Bull Terrier breeds)	<input type="checkbox"/>	<b>Musladin Leuke Syndrome (ADAMTSL2)</b> (Beagle)	<input type="checkbox"/>
<b>Progressive Retinal Atrophy (GR_PR2)</b> (Golden Retriever)	<input type="checkbox"/>	<b>Neonatal cerebellar cortical degeneration NCCD (SPTBN2)</b> (Beagle)	<input type="checkbox"/>	<b>Lupus Erythematosus (DPF2)</b> (German pointer)	<input type="checkbox"/>
<b>Progressive Retinal Atrophy (crd1)</b> (Dachshunds, Bulldogs, Spaniels)	<input type="checkbox"/>	<b>Hyperuricosuria (HUU) (SLC2A9?)</b> (Various breeds)	<input type="checkbox"/>	<b>Lethal Acrodermatitis (LAD) MKLN1</b> (Bull Terrier Breeds)	<input type="checkbox"/>
<b>Progressive Retinal Atrophy (rcd1)</b> (Irish Setters and Irish Red-and-White Setters)	<input type="checkbox"/>	<b>Malignant Hyperthermia (MFSD12)</b> (Various breeds)	<input type="checkbox"/>	<b>Polycystic Kidney Disease (BTPKD)</b> (Bull Terrier Breeds)	<input type="checkbox"/>
<b>Progressive Retinal Atrophy (rcd3)</b> (Corgi breeds and Chinese Crested)	<input type="checkbox"/>	<b>Juvenile Laryngeal Paralysis &amp; Polyneuropathy (JLPP)</b> (Rottweiler)	<input type="checkbox"/>	<b>Phosphofructokinase (PFK)</b> (English Springer/Cocker Spaniels, Whippet)	<input type="checkbox"/>
<b>Progressive Retinal Atrophy (cnga1)</b> (Shetland Sheepdog)	<input type="checkbox"/>	<b>Leukoencephalomyelopathy LEMP (NAPEPLD)</b> (Rottweiler)	<input type="checkbox"/>	<b>Factor VII deficiency (FVII)</b> (Beagle)	<input type="checkbox"/>
<b>Progressive Retinal Atrophy XL-PRA (RPGR)</b> (Husky, Samoyed)	<input type="checkbox"/>	<b>X-linked myotubular myopathy (MTM1)</b> (Rottweiler)	<input type="checkbox"/>	<b>von Willebrand's Disease Type I</b> (Various Breeds)	<input type="checkbox"/>
<b>Progressive Retinal Atrophy (NECAP)</b> (Giant Schnauzer)	<input type="checkbox"/>	<b>Neuroaxonal Dystrophy (VPS11)</b> (Rottweiler)	<input type="checkbox"/>	<b>von Willebrand's Disease Type III</b> (Shetland Sheepdogs and Scottish Terriers)	<input type="checkbox"/>
<b>Goniodysgenesis &amp; Glaucoma (OLFML3)</b> (Border Collie)	<input type="checkbox"/>	<b>Neuroaxonal Dystrophy (PLA2G6)</b> (Papillon)	<input type="checkbox"/>	<b>Haemophilia B (Factor IX)</b> (Rhodesian Ridgeback)	<input type="checkbox"/>
<b>Primary Open Angle Glaucoma (ADAMTS10)</b> (Beagle)	<input type="checkbox"/>	<b>SeSAME-EAST Ataxia (SDCA1)</b> (Belgian Shepherds)	<input type="checkbox"/>	<b>Cleft Palate (DXL6)</b> (Nova Scotia Duck Tailing Retriever)	<input type="checkbox"/>
<b>Primary Lens Luxation (ADAMTS17)</b> (Various Breeds)	<input type="checkbox"/>	<b>Neuronal Ceroid Lipofuscinosis (1TRP1)</b> (Italian Spinone)	<input type="checkbox"/>	<b>Cleft Palate (ADAMTS20)</b> (Nova Scotia Duck Tailing Retriever)	<input type="checkbox"/>
<b>Heritable cataracts (HSF4)</b> (Staffordshire Bull Terrier, Boston Terrier, French Bulldog, Australian Shepherd)	<input type="checkbox"/>	<b>Novell Cerebellar Cortical Degeneration (SNX14)</b> (Hungarian Vizsla & Weimaraner)	<input type="checkbox"/>	<b>Raine Syndrome (FAM20C)</b> (Border Collie)	<input type="checkbox"/>
<b>Canine Multifocal Retinopathy 1 (BEST1)</b> (Mastiffs, Bullmastiffs, English/French/American Bulldog, Australian shepherds)	<input type="checkbox"/>	<b>Neural Hypomyelination (FNIP2)</b> (Weimaraner)	<input type="checkbox"/>	<b>Sensory Neuropathy (FAM134B)</b> (Border Collie, Bordoodle, Koolie, Smithfield)	<input type="checkbox"/>
<b>Achromatopsia (CNGB3)</b> (Husky, Malamute)	<input type="checkbox"/>	<b>Spinal Dysraphism (NKX2-8)</b> (Weimaraner)	<input type="checkbox"/>	<b>Cranio-mandibular Osteopathy (SLC37A2)</b> Boxers, English Bulldog, Dobermann, Great Dane, Irish Setter, Labrador Retriever & Terrier breeds	<input type="checkbox"/>
<b>Photoreceptor dysplasia (PDC)</b> (Belgian Shepherd & Schnauzer)	<input type="checkbox"/>	<b>Congenital Myotonia (CIC1)</b> (Various Breeds)	<input type="checkbox"/>	<b>Other:</b> _____	<input type="checkbox"/>
<b>Collie Eye Anomaly (CEA)</b> (Australian Shepherd, Border Collie, Rough and Smooth Collie, Shetland Sheepdog)	<input type="checkbox"/>	<b>Late onset Spinocerebellar Ataxia (CAPN1)</b> (Jack Russel, Schnauzer, Australian Cattle Dog)	<input type="checkbox"/>		
<b>Multiple drug resistance (MDR1)</b> (Various Breeds)	<input type="checkbox"/>	<b>Spinocerebellar Ataxia (KCNJ10)</b> (Jack Russel Terrier and Parson Russel)	<input type="checkbox"/>		
<b>Imerslund-Gräsbeck Syndrome (IGS)</b> (Border Collie & Beagle)	<input type="checkbox"/>	<b>L2-Hydroxyglutaric Aciduria (L2HGA)</b> (Staffordshire Bull Terrier)	<input type="checkbox"/>		

COLOUR TEST		DNA PROFILE			
<b>A locus</b> <small>(ASIP: c.244 G&gt;T; c.248G&gt;A; c.286C&gt;T; SINE)</small> <input type="checkbox"/>	<b>E locus</b> <small>(MC1R: c.799A&gt;G; c.914C&gt;T)</small> <input type="checkbox"/>	<b>DNA profile required?</b> <input type="checkbox"/> <b>A genetic fingerprint, useful for identification &amp; parentage verification</b>			
<b>B locus</b> <small>(TYRP1: c.121T&gt;A; c.991C&gt;T; c.1033delCCT; c.555T&gt;G)</small> <input type="checkbox"/>	<b>I locus</b> <small>(MPSD12: c.151C&gt;T)</small> <input type="checkbox"/>	<b>Parentage Analysis: Please provide animal information (if required)</b>			
<b>Cocoa</b> <small>(HPS3: c.2420G&gt;A)</small> <input type="checkbox"/>	<b>K locus</b> <small>(CBD103: del(GGA))</small> <input type="checkbox"/>	<b>Offspring candidate</b>	<b>Microchip No.</b>	<b>Father candidate</b>	<b>Microchip No.</b>
<b>D locus</b> <small>(MLPH: c.-22G&gt;A; c.705G&gt;C)</small> <input type="checkbox"/>	<b>S locus</b> <small>(MITF: c.478 C&gt;T)</small> <input type="checkbox"/>				
<b>Hair length</b> <small>(FGFS: c.284G&gt;T) – Lh1</small> <input type="checkbox"/>	<b>M locus</b> <small>(Merle)</small> <input type="checkbox"/>				
<b>Hair length</b> <small>(FGFS: c.559_560dupGG) – Lh4</small> <input type="checkbox"/>	<b>Other:</b> _____ <input type="checkbox"/>				

Sample Archiving		
Should you wish to have you samples archived, please indicate below.	<b>Yes</b>	<b>No</b>
<b>Please note:</b> Only blood samples received in EDTA tubes will be stored. No FTA cards are stored.  Samples will only be stored for a period of 2 years.  Should you fail to indicate your preference, samples will be discarded at the closing of the order.		

SAMPLE DECLARATION	
I confirm that the sample enclosed was obtained from the dog described above.	
Name and signature of person taking the sample:	_____
Name and signature of client:	_____
Sample label: _____	Date samples were collected: YYYY/MM/DD
Sample type: 1 – 2 ml Whole Blood in EDTA tube <input type="checkbox"/>	FTA card <input type="checkbox"/>

It is the sender's responsibility to ensure the correctness of the information accompanying the samples. In no event shall Inqaba Biotechnical Industries (Pty) Ltd or its divisions be held liable for indirect, substantial, or secondary damages of any kind. Results are usually made available within 7-14 days of receipt of samples. Please note that results are only released subject to payment.

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