



inqaba biotec™

Africa's Genomics Company



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## Animal Genetics: Genetic Testing

The Animal Genetics Department at Inqaba Biotechnical Industries (Pty) Ltd is dedicated to providing a myriad of accurate genetic tests to the animal industries. Our laboratory is state of the art and streamlined for high throughput processing. As members of the International Society of Animal Genetics (ISAG), we are part of a global initiative to uphold international standards. We are a South African Department of Agriculture, Forestry and Fisheries (DAFF) compliant laboratory and follow strict processes and procedures to provide consistent results within our typical turnaround time.

Genetic diseases affect many breeds. There is no cure for any animal genetic disease. Consequently, affected animal may experience painful, distressed and often shortened lifespans. The genetic tests on offer at Inqaba Biotechnical Industries (Pty) Ltd are able to determine whether your animal family member is clear of a disease, is a carrier for the disease or is affected by the genetic disease. These results serve as an important part of responsible breeding programs as well as pet treatment programs. Inqaba Biotechnical Industries (Pty) Ltd is consistently developing new genetic tests on a demand basis in canines and felines.



### DOCUMENTATION

- Molecular Request form

### PAYMENT METHODS

Electronic Fund Transfer (EFT)

Banking Details:

Inqaba Biotechnical Industries

Standard Bank, Brooklyn

Branch code: 011245

Account number: 017585910

### COURIER COSTS

R86.21 Excl VAT per batch of samples from anywhere in South Africa.

R125.00 Excl VAT for FTA card kit delivery as well as sample collection.

### TURNAROUND TIME

Less than 14 working days after receiving sample

### SAMPLES

0.5 - 1ml Blood in an EDTA

tube collected by your

local Veterinarian

OR

FTA Cards sent to you by

inqaba biotec™

### PRICE PER SAMPLE PER TEST

Health Test	R424.46 Excl VAT
Colour Test	R390.21 Excl VAT
Parentage	R317.61 Excl VAT

*\*Discount structure available. Please contact us for more information. Prices subject to change without prior notice T's & C's Apply.*

**Inqaba Biotechnical Industries (Pty) Ltd.**

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### CANINE HEALTH TESTS

Canine Leukocyte Adhesion Deficiency (CLAD)
Canine Multifocal Retinopathy 1 (BEST1)
Canine Multifocal Retinopathy 2 (BEST1)
Canine Multifocal Retinopathy 3 (BEST1)
Centronuclear Myopathy (BIN1)
Centronuclear Myopathy (PTPLA)
Cerebellar Abiotrophy (NCCD)
Cerebellar Ataxia (ARSG)
Cerebellar Cortical Degeneration (SNX14)
Ceroid Lipofuscinosis (CLN5)
Cleft Palate (ADAMTS20)
Cleft Palate (DXL6)
Collie Eye Anomaly (CEA)
Congenital Myotonia (CIC1)
Copper Storage Disease (ATP7B)
Cystinuria
Degenerative Myelopathy (SOD1)
Dilated Cardiomyopathy (PDK4 & RBM20)
Exercise Induced Collapse (NEI)
Factor VII deficiency (FVII)
Familial Nephropathy (FN)
Fucosidosis
Hereditary Nasal Parakeratosis (SUV39H2)
Heritable cataracts (HSF4)
Imerslund-Gräsbeck Syndrome (IGS)
Juvenile Laryngeal Paralysis & Polyneuropathy (JLPP)
L2-Hydroxyglutaric Aciduria (L2HGA)
Late onset Spinocerebellar Ataxia (CAPN1)
Multiple drug resistance (MDR1)
Musladin-Leuke Syndrome (MLS)
Myoclonic Epilepsy (DIRAS1)
Neural Hypomyelination (FNIP2)
Neuronal Ceroid Lipofuscinosis (CLN2/TTP1)
Neuronal Ceroid Lipofuscinosis (CLN5)
Phosphofructokinase (PFK)
Primary Lens Luxation (ADAMTS17)
Progressive Retinal Atrophy (cnga1)
Progressive Retinal Atrophy (crd1)
Progressive Retinal Atrophy (GR_PR1)
Progressive Retinal Atrophy (GR_PR2)
Progressive Retinal Atrophy (PRCD)
Progressive Retinal Atrophy (rcd1)
Progressive Retinal Atrophy (rcd3)
Spinocerebellar Ataxia (KCNJ10)
Trapped Neutrophil Syndrome (TNS)
von Willebrand's Disease Type I
von Willebrand's Disease Type III

### FELINE HEALTH TESTS

Blood Group B
Erythrocyte Pyruvate Kinase Deficiency (PKLR)
Hypertrophic Cardiomyopathy (Maine Coon)
Hypertrophic Cardiomyopathy (Ragdoll)
Hypokalaemia (WNK4)
Polycystic Kidney Disease (PKD)
Progressive Retinal Atrophy (PRA_rdAc)
Progressive Retinal Atrophy (PRA_rdy)
Spinal Muscular Atrophy (Maine Coon)

### FELINE COAT TESTS

Amber, MC1R (E Locus)
Burmese, TYR (C Locus)
Chocolate, TYRP1 (B Locus)
Cinnamon, TYRP1 (B Locus)
Dilution, MLPH (D Locus)
Long Hair, FGF5
Siamese Point, TYR (C Locus)

### CANINE COLOUR TESTS

A Locus (Agouti/Fawn/Yellow/Red/Pure Black)
B Locus (Chocolate/Liver)
D Locus (Dilution/Blue)
E Locus (Gold)
K Locus (Dominant black)
S Locus (Piebald)

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