

ADVANCE™ MIXED BREED DNA TEST

Your clinic name:

Your clinic ID is:

Registered email:

(Please contact us if your email changes. This is very important. If we don't have your current email, you won't receive notifications when tests are process or reports ready to download).

Your clinic Password:

You will receive a temporary password via email once your clinic is activated in the extranet system. Please change it to something you'll find easy to remember?

LOGIN ADDRESS

<http://www.advancepet.com.au/DNA>

Your Mars Petcare Veterinary Business Development Manager:

Phone:

Email:

FURTHER INFORMATION

www.marsvet.com

(password is mars)

If you can't reach your local Mars representative, please call the Customer Enquiries line on 1800 640 111

THE TEST PROCESS

- Each reply paid test box contains a 0.5ml customised EDTA blood tube and a blood submission form.
- Once you open the test box, **copy the number of the EDTA tube on to the blood submission form, and the patient and client details, as well as your clinic's details**, so we know where the sample is coming from. Please print or write clearly, to avoid issues later.
- Collect 0.5ml of blood from the patient and place it in the EDTA tube . Invert EDTA tube several times to allow blood to mix with the anti-coagulant lining.
- Place the sample back into the reply paid box.
- Place the top sheet of the submission form in the reply paid box, and keep the bottom sheet .
- Post the reply paid box in your local mailbox via Australia Post.
- When the results are available, you will receive an email. Please check your “Junk Folder” on email.
- Results will typically take 21 days from the date received by the lab. In exceptional circumstances, or if the test fails for any reason, it may take a little longer.
- We recommend booking a free follow up consult with the client to discuss the results and the next steps.

IMPORTANT: Your tests should be sent to Orivet Labs. There are some old envelopes out in clinics that list ASAP Labs as the reply address. **Please DO NOT USE THESE!**
Contact your Mars Representative.



TRACKING THE TEST PROCESS

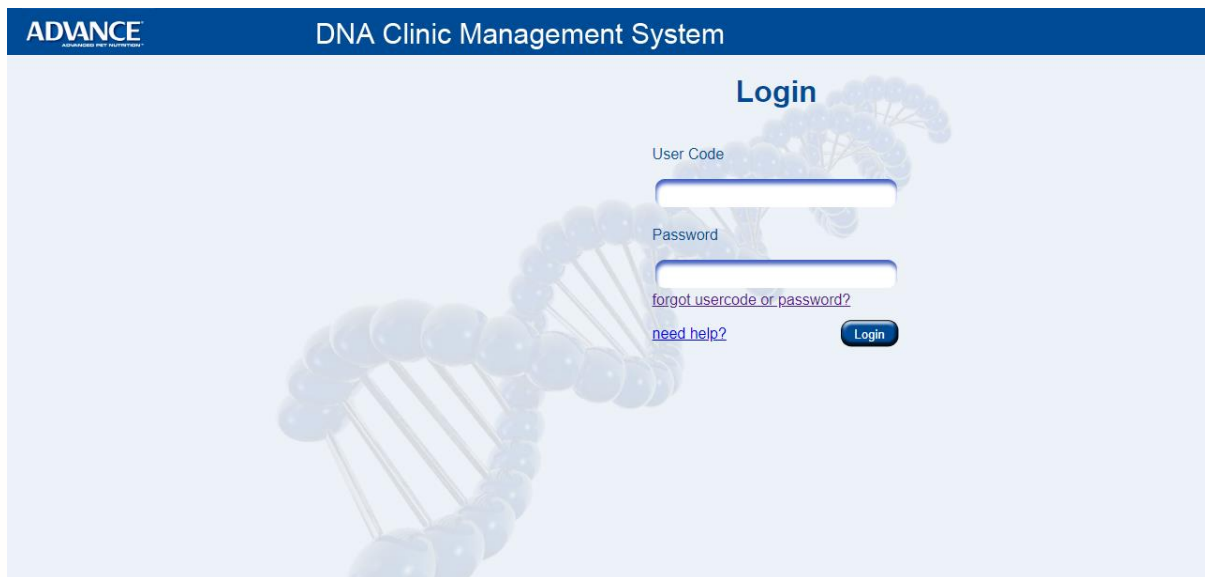
Go either to www.marsvet.com/advancedna
(password is mars)
and click on this tab

DNA ONLINE SYSTEM FOR VET CLINICS

or

www.advancepet.com.au
and click on the "For Vets" tab
from the dropdown menu select "Vet Extranet"

The following screen will appear



Enter your 4 digit clinic ID code (on the front page of this document)
and your password.

If you forget your ID Code please contact your local Representative.

If you forget your password, you can obtain a new one by clicking 'forgot your password'. Be
sure to check your spam folders or junk mail.

Expert Pet Nutrition™

ADVANCE™

TRACKING THE TEST PROCESS cont.

- Upon a successful login, your test history page will appear.
- From here you can see what the status is on all DNA tests.
- A test that is completed and ready for download will have “Yes” in Report Available.
- After clicking to retrieve the selected report, the report will start downloading. The report will be in a PDF format.
- Once the report has been downloaded, please save it in a safe place

ADVANCE DNA Clinic Management System

Clinic Details

Contact Details: User Code: 2534, Clinic Name: Stephen Terrace Vet Clinic, Clinic Email: vets@vetatstephen.com.au, Clinic Phone Number: 08 8362 6688

Address Details: Clinic Address: 45 Stephen Terrace, Clinic Town: St Peters, Clinic State: SA, Clinic Postcode: 5069

ASM Details: First Name: Rebecca, Last Name: Yates, Email Address: Rebecca.Yates@effem.com

Samples

Sample ID	Owner Name	Pet Name	Status	Date Received	Date Completed	Report
8800472	Suzzane Cufone	Ember	Report Ready	29/01/2020	06/02/2020	Download icon
8800063	Anthony Nocera	Olive	Report Ready	12/03/2019	25/03/2019	Download icon
8800545	Ms Sharon	Lookie	Report Ready	28/02/2017	12/03/2017	
8020093	Fernie Harper	Louis	Report Ready	21/09/2016	29/09/2016	
8017002	Mr./Ms. Amy	Buddy	Report Ready	13/09/2016	21/09/2016	
8019512	Ms. Barbara Fenner	Ruby	Report Ready	01/09/2016	13/09/2016	

Click on these icons to download the report

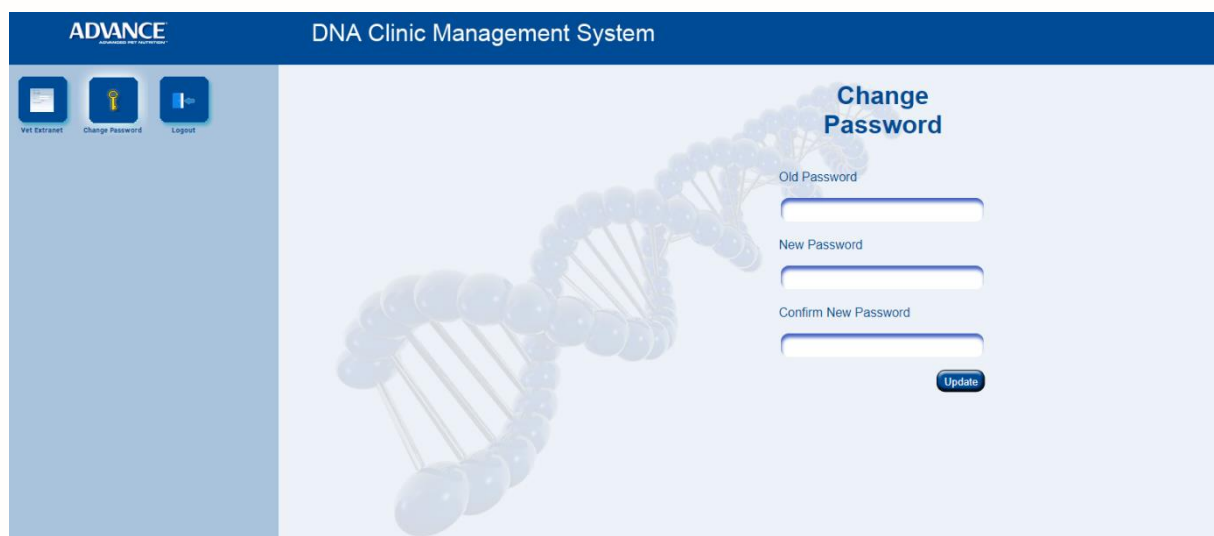
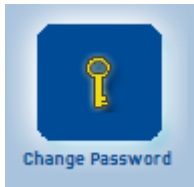


Sample report



MANAGING YOUR ACCOUNT

- Once in the DNA extranet, you can change your clinic password by click on this icon on the left of the screen.



COMPLETED TESTS

- The clinic owns the relationship with their clients not MARS Petcare, and therefore the reports are not emailed to the client by us, but are available for your clinic to download.
- It is ideal to have vets receive the report before booking a consult with clients, so they can take them through the results properly.
- It is strongly recommend that clinics watch Fido's story on you the Vet Portal so you can explain results better. Go to www.marsvet.com/advancedna (password is mars) and click on this tab



- Clinics can either print out the test report in colour or email it to the client so they can print their own certificates.
- If a clinic or client questions the results our Customer Enquiries team need to be contacted on **1800 640 111** so the findings can be investigated.

This investigation will take up to 3 weeks as our genetic expert panel review each case.

The following information **MUST** be provided:

- Sample ID number
 - Owner's Name
 - Dog's Name
 - Pictures of the dog
 -
- Meet George & Charlie from Orivet.
Email George if you have any scientific or technical issues regarding the results:
george@orivet.com
(03)9534 1544.



ORDERING NEW TEST KITS

- You must be a DNA accredited clinic to order kits. To become accredited, please contact your local Representative.
- Orders should be placed at: <https://orivet.com/advance/page> or go to the Vet Portal.
www.marsvet.com/advancedna
(password is mars)
and click on this tab

ORDER ADVANCE DNA TEST KITS

- Orders (pack of 6) are sent out daily and recorded by Orivet – date sent and quantity.
- Clinics are not charged for the test kits, but are charged for postage.
- If you have any queries please contact your ADVANCE representative.
Go to www.marsvet.com/contactus
(password is mars)



Expert Pet Nutrition™

ADVANCE™

WHAT PRE-SCREENING IS DONE?

To determine what diseases the dog may be predisposed to, the following pre-screens are done:

Autosomal Hereditary Recessive Nephropathy

Arrhythmogenic Right Ventricular Cardiomyopathy

Canine Hyperuricosuria

Canine Leucocyte Adhesion Deficiency

Cerebellar Ataxia

Congenital Hypothyroidism

Congenital Stationary Night Blindness

Copper Toxicosis

Cystinuria

Degenerative Myelopathy

Dilated Cardiomyopathy

Fucosidosis

Globoid Cell Leukodystrophy/ Krabbe's Disease

GM1 – Gangliosidosis

Hereditary Cataracts

Ivermectin and Multi Drug Sensitivity MDR1

L-2- hydroxygutric Aciduria

Mucopolysaccharidosis

Muscular Dystrophy X-linked (MDX)

Myotonia Congenita

Myotubular Myopathy X linked

Narcolepsy

Natural Bob Tail

Neuronal Ceroid Lipofuscinosis

Phosphofructokinase Deficiency

Primary Lens Luxation

Progressive Retinal Atrophy – Cord 1

Progressive Retinal Atrophy – rcd 3

Progressive Retinal Atrophy – rcd 1

Progressive Retinal Atrophy – rcd 1a

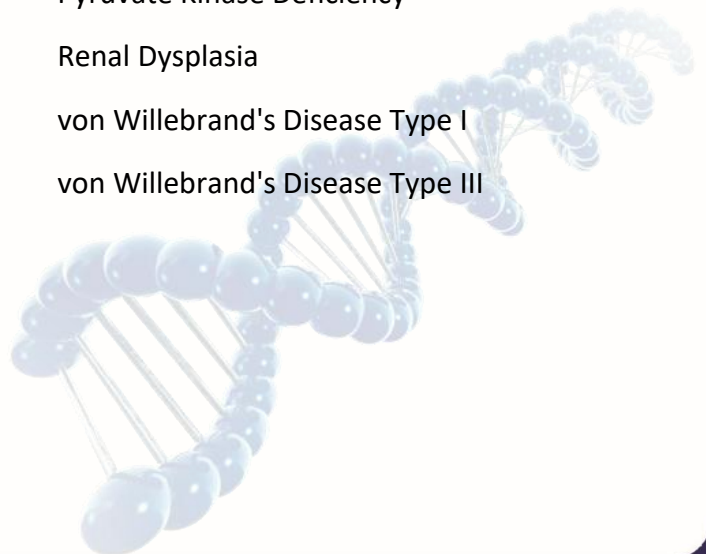
Pyruvate Dehydrogenase Phosphatase Deficiency

Pyruvate Kinase Deficiency

Renal Dysplasia

von Willebrand's Disease Type I

von Willebrand's Disease Type III



STATE OF THE ART ANALYSIS

ADVANCE™ Mixed Breed Identification DNA Test

Developed through extensive genomic research, the ADVANCE® Mixed Breed Identification DNA Test is the most comprehensive commercially available mixed breed genetic analysis for dogs.

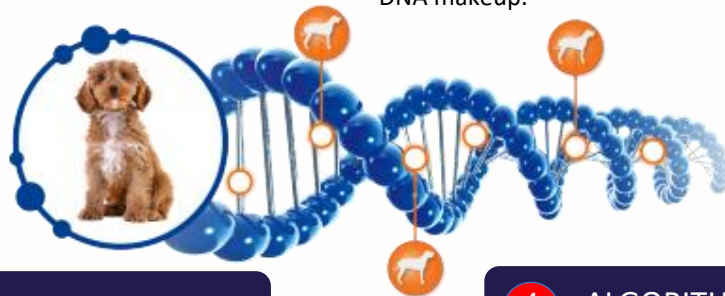
It is administered exclusively at accredited veterinary clinics and hospitals.

1 DNA EXTRACTION

ADVANCE® Mixed Breed Identification DNA Test extracts DNA from a blood sample drawn at your clinic, and assays it in 13 separate test reactions.

2 SNP IDENTIFICATION

The DNA is examined by mass spectrometry at more than 300 points where single nucleotide polymorphisms (SNPs) are commonly found. SNPs are slight variations in DNA makeup.



3 DATABASE COMPARISON

The combination of SNPs in each tested dog's DNA is compared with breed associated SNP patterns (breed signatures) in ADVANCE® Mixed Breed Identification DNA Test's proprietary genetic database, assembled from DNA analyses of over 10,000 purebred dogs.

4 ALGORITHM ASSESSMENT

More than 7 million iterative comparisons are made with each tested dog's DNA using a complex statistical algorithm. The strength and frequency of matches are used to determine which breeds are detected.

5 REPORT GENERATION

The results of the analysis are compiled to generate a customised report for each dog tested. Results are sent to the veterinarian for you to communicate with your client.

Quality of results is assured through blinded and known DNA control samples.

Expert Pet Nutrition™

ADVANCE™

BREEDS DETECTED

A

Affenpinscher | Afghan Hound | Airedale Terrier | Akita | Alaskan Malamute | American Staffordshire Terrier | Anatolian Shepherd Dog | Australian Cattle Dog | Australian Dingo | Australian Kelpie | Australian Koolie | Australian Shepherd | Australian Silky Terrier | Australian Stumpy Tail Cattle Dog | Australian Terrier

B

Basenji Basset Hound | Beagle | Bearded Collie | Bedlington Terrier | Belgian Shepherd Dog (Tervuren) | Belgian Shepherd Dog (Groenendael) | Belgian Shepherd Dog (Malinois) | Bergamasco Shepherd Dog | Bernese Mountain Dog | Bichon Frise | Black Russian Terrier | Bloodhound | Bluetick Coonhound | Border Collie | Border Terrier | Borzoi | Boston Terrier | Bouvier Des Flandres | Boxer | Briard | British Bulldog | Brittany | Bull Terrier | Bull Terrier (Miniature) | Bullmastiff

C

Cairn Terrier | Canaan Dog | Cane Corso | Cavalier King Charles Spaniel | Cesky Terrier | Chesapeake Bay Retriever | Chihuahua | Chinese Crested Dog | Chow Chow | Clumber Spaniel | Cocker Spaniel | Cocker Spaniel - American | Collie - Smooth | Curly Coated Retriever

D

Dachshund | Dachshund Wire Haired | Dachshund Long Haired | Dachshund Miniature | Dachshund Miniature Wire Haired | Dachshund Miniature Long Haired | Dalmatian | Dandie Dinmont Terrier | Deerhound | Dobermann | Dogue De Bordeaux

E

English Setter | English Springer Spaniel | English Toy Terrier

F

Field Spaniel | Finnish Lapphund | Finnish Spitz | Flat Coated Retriever | Fox Terrier (Smooth) | Fox Terrier (Wire) | Foxhound | French Bulldog

G

German Pinscher | German Shepherd Dog | German Shorthaired Pointer | German Spitz | German Wirehaired Pointer | Glen Of Imaal Terrier | Golden Retriever | Gordon Setter | Grand Basset Griffon Vendeen | Great Dane | Greyhound | Griffon Bruxellois

Expert Pet Nutrition™

ADVANCE™

BREEDS DETECTED

H

Harrier | Havanse | Hungarian Vizsla | Hungarian Wirehaired Vizsla

I

Ibizan Hound | Irish Water Spaniel | Irish Red and White Setter | Irish Wolfhound | Irish Setter | Italian Greyhound | Irish Terrier | Italian Spinone

J

Jack Russell Terrier | Japanese Chin | Japanese Spitz

K

Keeshond | Kerry Blue Terrier | King Charles Spaniel | Komondor | Kuvasz

L

Labrador Retriever | Lakeland Terrier | Large Munsterlander | Leonberger | Lhasa Apso | Lowchen

M

Maltese | Manchester Terrier | Maremma Sheepdog | Mastiff | Miniature Pinscher

N

Newfoundland | Norfolk Terrier | Norwegian Buhund | Norwegian Elkhound | Norwich Terrier | Nova Scotia Duck Tolling Retriever

O

Old English Sheep Dog | Otterhound

Expert Pet Nutrition™

ADVANCE

BREEDS DETECTED

P

Papillon | Poodle (Miniature) | Person Russell Terrier | Poodle (Standard) | Pekingese | Poodle (Toy) | Petit Basset Griffon Vendéen | Portuguese Water Dog | Pharaoh Hound | Pug | Pointer | Puli | Polish Lowland Sheepdog | Pyrenean Mountain Dog | Pomeranian

R

Rhodesian Ridgeback | Rottweiler

S

Saluki | Samoyed | Schipperke | Schnauzer | Schnauzer (Giant) | Schnauzer (Miniature) | Scottish Terrier | Sealyham Terrier | Shar Pei | Shetland Sheepdog | Shiba Inu | Shih Tzu | Siberian Husky | Skye Terrier | Soft Coated Wheaten Terrier | St. Bernard | Staffordshire Bull Terrier | Sussex Spaniel | Swedish Vallhund

T

Tenterfield Terrier | Tibetan Spaniel | Tibetan Mastiff | Tibetan Terrier

W

Weimaraner | Welsh Terrier | Welsh Corgi (Cardigan) | West Highland White Terrier | Welsh Corgi (Pembroke) | Whippet | Welsh Springer Spaniel | White Swiss Shepherd Dog

X

Xoloitzcuintle

Y

Yorkshire Terrier

Expert Pet Nutrition™

ADVANCE™