

**LAB ANALYSES**

**2026**



**NEORNI  
LAB**

# NeorniLab

## Exclusive bird laboratory

NeorniLab is a Belgian bird laboratory that operates entirely under its own management. Thanks to this unique position, we are fast, flexible, and can offer our customers an exclusive service. These services are ideal for both bird lovers and vets.

For a full list of our lab tests, visit our website at [www.neornilab.be](http://www.neornilab.be)  
We may also be able to carry out tests that are not listed on this website. Please contact us about this.

- 100% accuracy • Belgian • Developed by veterinarians
- Fast & reliable • Certificate • Innovative research
- Based on scientific research and practical experience



## NEORNI

NeorniLab is part of Neorni, a team of veterinarians dedicated specifically to avian medicine. Neorni offers various services to ensure the best care for birds.

For sampling and health advice, please contact our vets at NeorniVet.

[www.neorni.be](http://www.neorni.be)

 NEORNIVET  
Veterinary practice

 NEORNILAB  
Laboratory

 NEORNI PHARMA  
BY VETS FOR BIRDS  
Product range



**We are constantly developing new colour mutation tests!**

If you're interested in a colour mutation not listed on our website, please contact us. We'll be happy to explore the possibilities with you.



## **NEW**

**Send us your samples via a NeorniLab collection point**

Go to [www.neornilab.be](http://www.neornilab.be) to view all collection points. If there is no collection point near you, Send your samples along with your fully completed request form to us, or bring them to our front desk.





# TESTS FOR PIGEONS

Racing pigeons

## Performance genes (genotyping)

- LDHA
- DRD4-1 & DRD4-2
- CRY1
- F-KER
- CASK
- LRP8
- GSR
- MSTN

8 genotypes  
**€57**  
excluding VAT

## Kinship (DNA profile)

### Disease testing

- Rota – Circo – Adeno
- Herpes – Mycoplasma – Chlamydia
- Trichomonas – Yeasts and fungi
- Autopsy
- Faecal analysis
- Bacteriology

## Sexing

# Prices

View your results and certificates on  
your personal portal



Performance genes	Excl. VAT (€)
1 genotype	36.00
2 genotypes	39.00
3 genotypes	42.00
4 genotypes	45.00
5 genotypes	48.00
6 genotypes	51.00
7 genotypes	54.00
8 genotypes	57.00

Kinship analysis	Excl. VAT (€)
DNA profile	42.36
+ sexing	+ 7.44

Combined tests	Excl. VAT (€)
Pigeon PCR Rota	29.00
Pigeon PCR Circo	29.00
Pigeon PCR Adeno	29.00
Pigeon PCR Herpes	29.00
Pigeon PCR Mycoplasma	29.00
Pigeon PCR Chlamydia	29.00

Disease testing	Excl. VAT (€)
Pigeon PCR YPD Basis (Rota + Circo)	41.32
Pigeon PCR YPD Standard (Rota + Circo + Adeno)	61.98
Pigeon PCR RESPI Basis (Herpes + Mycoplasma)	41.32
Pigeon PCR RESPI Standard (Herpes + Mycoplasma + Chlamydia)	61.98
Cytology crop swab (Trichomonas, yeasts/fungi)	8.26
Autopsy	57.85
Autopsy extra bird	24.79
Cytology (5 organs)	16.53
Faecal analysis	20.66
Salmonella culture (mixed manure 5 days/organs)	22.73
E. coli resistance profile	20.66
Bacteriology (including antibiogram)	20.66

Sexing	Excl. VAT (€)
1 to 4	13.22
5 to 24	10.74
25 to 49	8.26
50 or more	7.44

## Raise your racing pigeons to the next level with marker-assisted selection (MAS)!

Marker-assisted selection (MAS) is an innovative method of genetically improving racing pigeons. MAS analyses the genotype of a racing pigeon by identifying specific allele mutations that benefit performance, such as initiative, endurance, navigational ability, etc. If you're a pigeon fancier, this means you can breed in a targeted and justified manner by selecting the **right combinations** of genotypes, or performance genes. **MAS therefore speeds up the selection process** and increases the chances of repeated successful race performances. Basically, MAS is **your secret pigeon racing weapon!**

Read more and check out our **GENOTYPE CALCULATOR**  
(requires login) at [www.neornilab.be](http://www.neornilab.be)

GENOTYPE	Operation	Wild type	Desired racing pigeon genotype	Flight distance **	Desired breeding pigeon genotype	Further analysis
LDHA	Lactate metabolism	GG (= BB)	AG (= AB)	300 to 850 km	AA	-
DRD4-1	Orientation and initiative	CC	CT	Up to 600 km	TT	-
DRD4-2	Character and perseverance	CC	CT	Extreme long-distance	TT	-
F-KER *	Feather keratin	TT	TT	Extreme long-distance	TT	-
CRY1	Magnetoreception	AG/AG	AG/TT	100 to 400 km	TT/TT	AT/AG or AT/TT
CASK	Nerve-muscle connection	GG	GA	All distances	AA	-
LRP8	Navigation, memory, and insight	GG	GT	All distances	TT	-
GSR	Magnetoreception	CC	CT	All distances	TT	-
MSTN	Endurance	CC	CT	All distances	TT	-

Please note that certain combinations do not occur, at least not yet

\* Unlike other genes, the mutation (G) in F-KER should be avoided (pernicious for long-distance flights)

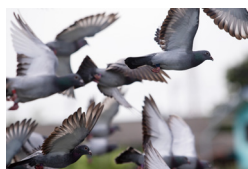
\*\* These are the distances that provide a significant advantage for the marker in question according to research. This usually also involves testing longer distances. The significance, however, cannot always be determined due to the lower number of pigeons, although it is clearly visible. We therefore assume that pigeons benefit from all point mutations even at longer distances.

# Working towards the perfect genes for racing pigeons



Cocks			
LDHA	DRD4-1	DRD4-2	CRY1
AA	CC	TT	AG/AG

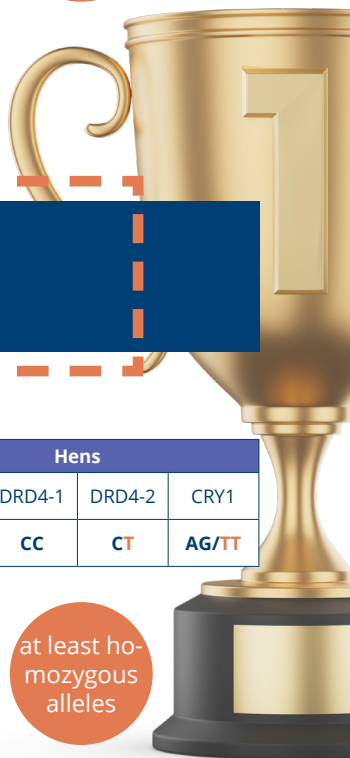
Hens			
LDHA	DRD4-1	DRD4-2	CRY1
GG	TT	CC	TT/TT



Young			
LDHA	DRD4-1	DRD4-2	CRY1
GA	CT	CT	AG/TT

a few alleles are enough

# Working towards the perfect genes for breeding pigeons



Cocks			
LDHA	DRD4-1	DRD4-2	CRY1
GA	CC	CT	AG/TT

Hens			
LDHA	DRD4-1	DRD4-2	CRY1
GA	CC	CT	AG/TT



Young			
LDHA	DRD4-1	DRD4-2	CRY1
± 25% AA	± 25% CC	± 25% TT	± 25% TT/TT

at least homozygous alleles



## TESTS FOR BIRDS

Other bird species

### Disease testing

- Marek
- ILT
- Smallpox
- Salmonella
- Autopsy
- Faecal analysis
- Bacteriology

### Colour mutation tests\*

- Canary (*Serinus canaria*)
- Bullfinch (*Pyrrhula pyrrhula*)
- Common Linnet (*Linaria cannabina*)
- Siskin (*Spinus spinus*)
- ...

satin  
agate  
brown  
...

### Species determination

### Sexing

\* All colour mutation tests on [www.neornilab.be](http://www.neornilab.be)

# Prices

View your results and certificates on your personal portal



Disease testing	Excl. VAT (€)
Autopsy	57.85
Autopsy extra bird	24.79
Cytology (5 organs)	16.53
Faecal analysis	20.66
Salmonella culture (mixed manure 5 days/organs)	22.73
E. coli resistance profile	20.66
Bacteriology (including antibiogram)	20.66

Combined tests	Excl. VAT (€)
Colour mutations in songbirds	on request
Colour mutations in other birds	on request
Species determination	78.51
+ sexing	+ 7.44

Sexing	Excl. VAT (€)
1 to 4	13.22
5 to 24	10.74
25 to 49	8.26
50 or more	7.44

## TIP: Buy a quantity discount scale

## SEXING

If you purchase a quantity discount scale, you can benefit from our volume discounts for each request for avian sexing. A quantity discount scale works like a paid plan. You pay for the desired number of samples (e.g. 5, 20, 50, etc.) once. For each request, the number of samples submitted is then deducted from the total quantity discount scale.



**NeorniLab, global leader in (song) bird colour mutation testing!**

View all colour mutations at [www.neornilab.be](http://www.neornilab.be)





# TESTS FOR PARROTS

Parrots – Parakeets

## Disease testing

- PCR APV (polyoma virus)
- PCR PBFV (circo virus)
- PCR PDD (borna virus)
- ELISA PDD **NEW!**
- PCR Pacheco (herpes virus)
- PCR Chlamydia psittaci
- PCR Aspergillosis
- Autopsy
- Faecal analysis
- Bacteriology

## Colour mutation tests\*

- Eclectus (*Eclectus roratus*)
- Alexandrine Parrot (*Psittacula eupatria*)
- Blue-and-yellow Macaw (*Ara ararauna*)
- Galah (*Eolophus roseicapillus*)
- ...

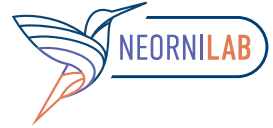
## Species determination

## Sexing

\* All colour mutation tests on [www.neornilab.be](http://www.neornilab.be)

# Prices

View your results and certificates on your personal portal



Disease testing	Excl. VAT (€)
Parrot PCR APV (polyomavirus)	17.36
Parrot PCR PBFD (circovirus)	17.36
Parrot PCR Pacheco (herpesvirus)	17.36
Parrot PCR Chlamydia psittaci	17.36
Parrot PCR PDD (bornavirus)	23.97
Parrot ELISA PDD (bornavirus) <b>NEW</b>	24.79
Parrot PCR Aspergillose	40.50
Autopsy	57.85
Autopsy extra bird	24.79
Cytology (5 organs)	16.53
Faecal analysis	20.66
Salmonella culture (mixed manure 5 days/organs)	22.73
E. coli resistance profile	20.66
Bacteriology (including antibiogram)	20.66

Combined tests	Excl. VAT (€)
Parrot PCR Duo 1 (PBFD + APV)	22.31
Parrot PCR Duo 2 (PBFD + Chlamydia)	22.31
Parrot PCR Duo 3 (APV + Chlamydia)	22.31
Parrot PCR Basis (PBFD + APV + Chlamydia)	38.02
Parrot PCR Standard B (PBFD + APV + Chlamydia + PDD)	61.98
Parrot PCR Standard H (PBFD + APV + Chlamydia + Pacheco)	53.72
Parrot PCR Standard Extra (PBFD + APV + Chlamydia + PDD + Pacheco)	77.69
+ sexing	+ 7.44
+ Parrot PCR PDD (bornavirus)	+ 23.97
+ Parrot ELISA PDD (bornavirus) <b>NEW</b>	+ 24.79

Combined tests	Excl. VAT (€)
Colour mutations in parrots & parakeets	on request
Species determination	78.51
+ sexing	+ 7.44

Sexing	Excl. VAT (€)
1 to 4	13.22
5 to 24	10.74
25 to 49	8.26
50 or more	7.44



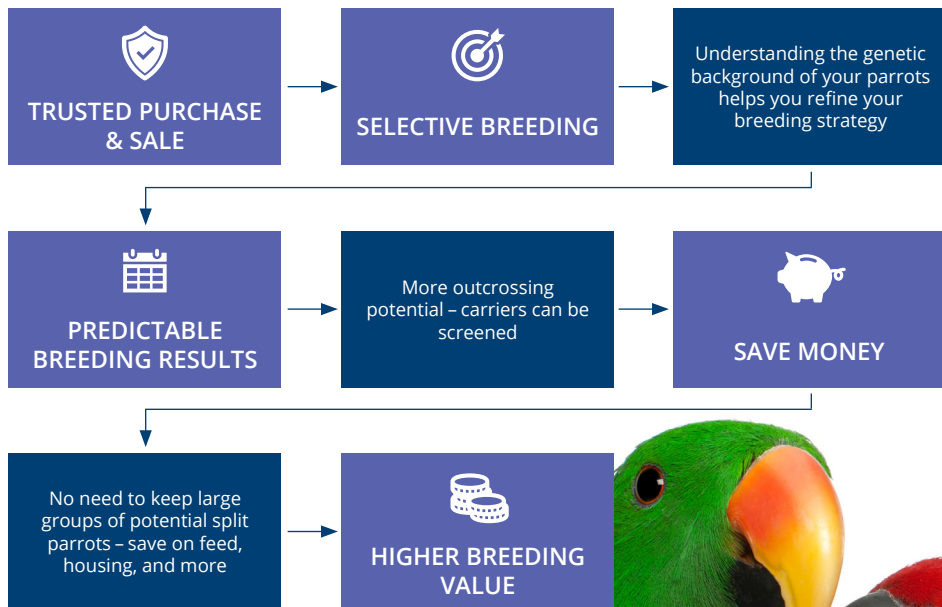
**NeorniLab, global leader in parrot colour mutation testing!**

View all colour mutations at [www.neornilab.be](http://www.neornilab.be)



# Colour mutation tests for parrots

## What's in it for you?



### 100% accuracy!

*Psittacula eupatria*  
"AquaBlue"



We do not test for colour or *phenotype* (e.g. blue) but for a specific genotypic variation or *mutation* that produces this colour. This means the results are 100% accurate. If we detect a mutation on a gene, it's given a number. For example, for the blue phenotype, we distinguish the mutations blue1, blue2, blue3, etc. Sometimes, all mutations cause the same phenotype, and sometimes there are variations in colour. For example, the blue3 mutation in the Alexandine Parrot (*Psittacula eupatria*) produces the beautiful AquaBlue phenotype.

**OPALINE**

**OPALINE1**



*Amazona aestiva*  
BLUE-FRONTED AMAZON

**OPALINE1**



*Ara ararauna*  
BLUE-AND-YELLOW MACAW

**BLUE**

**BLUE1-BLUE2**



*Psittacula cyanocephala*  
PLUM-HEADED PARAKEET

**BLUE1**



*Psittacula alexandri*  
RED-BREASTED PARAKEET

**LUTINO**

**NSL INO1-NSL INO2**



*Amazona aestiva*  
BLUE-FRONTED AMAZON

**NSL INO 1**



*Psittacula alexandri*  
RED-BREASTED PARAKEET

**PARBLUE**

**"AQUABLUE"**

**BLUE2-BLUE3**



*Psittacula eupatria*  
ALEXANDRINE PARROT

**"TURQUOISE"**

**BLUE1**



*Polytelis anthopeplus*  
REGENT PARROT

**CINNAMON**

**CINNAMON1**



*Eolophus roseicapilla*  
GALAH

## And much more!

**FOLLOW US**



**CONTACT US**



**WE ACCEPT BLOOD (CAPILLARY OR BLOOD ON COFFEE FILTER), FEATHERS, AND EGG SHELLS**

## Research & development

### Not found what you were looking for?

At the customer's request, we can start an analysis for a colour mutation test that we do not yet offer. We first look at the feasibility of the analysis and then ask you to send in reference samples.

### Notes

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Interested? Questions?

Contact us at  
[info@neornilab.be](mailto:info@neornilab.be)

# SUBMITTING A REQUEST

1

## Collect the sample from your bird

You can either collect the sample yourself, or have it collected by a veterinarian. Find out on our website which type of sample is suitable for the type of analysis you require.

Collect the sample in a grip bag. If you need grip bags or other sampling material, you can request them from [info@neornilab.be](mailto:info@neornilab.be).

2

## Fill in the request form

Download your request form at [www.neornilab.be](http://www.neornilab.be). You can fill in the form manually or digitally.

Record the ring number, name, or chip number of your bird on the request form. Note the serial number of the sample on the bag.

3

## Send us your complete request

Send us your samples along with your fully completed request form by post, or bring it to our front desk.

Address: **Beverlosesteenweg 129, 3583 Paal, Belgium**

Front desk opening hours: Monday to Friday 10-12.30 a.m. and 1.30-6 p.m.; Saturday 10 a.m.-noon.

4

## Payment

As soon as we receive your request, we will send you a confirmation with invoice via e-mail. You pay by bank transfer. The credits for sexing tests on quantity discount scales are updated automatically.

5

## Check your results online

Log in to your personal portal at [www.neornilab.be](http://www.neornilab.be) ('LOGIN') to download your certificate.

**You will receive your login details via e-mail after we have processed your first request.**

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T +32 (0)11 96 91 02  
E [info@neornilab.be](mailto:info@neornilab.be)  
W [www.neornilab.be](http://www.neornilab.be)

**Desk:**

Beverlosesteenweg 129  
3583 Paal, Belgium

