LAB TESTS

NEORNI LAB

2025

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 and 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** We may also be able to carry out tests that are not listed on this website. Please contact us about this.

100% 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 birds receive the best care.

Contact our vets at NeorniVet for sampling and health advice.

www.neorni.be

NEORNIVET
Veterinary practice

NEORNILAB
Laboratory

NEORNI PHARMA
BY VETS FOR BIRDS
Product range

TIP: Buy a quantity discount scale SEX DETERMINATION

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

Follow us on Facebook

SCAN ME

NEW

Send us your samples via a NeorniLab collection point

Go to **www.neornilab.be** to view all collection points. If there is no collection point near you, send us your samples or bring them to our front desk.

NEORNILAB

TESTS FOR PIGEONS

Racing pigeons

Performance genes (genotyping)

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

Read more about performance genes (MAS) on the last page!

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

MY PIGEONS

NEORNILAB

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	40.50
DNA profile + sexing	47.94

Combined tests	Excl. VAT (€)
DNA profile + 1 genotype	76.50
DNA profile + 2 genotypes	79.50
DNA profile + 3 genotypes	82.50
DNA profile + 4 genotypes	85.50
DNA profile + 5 genotypes	88.50
DNA profile + 6 genotypes	91.50
DNA profile + 7 genotypes	94.50
DNA profile + 8 genotypes	97.50
+ sexing	+ 7.44

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	53.72
Autopsy extra bird	16.53
Cytology (5 organs)	16.53
Faecal analysis	17.36
Salmonella culture (mixed manure 5 days/organs)	22.73
E. coli resistance profile	20.00
Bacteriology (including antibiogram)	20.00

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

TESTING FOR PARROTS

Parrots - Parakeets

Disease testing

- PCR APV (polyomavirus)
- PCR PBFD (circovirus)
- PCR PDD (bornavirus)
- ELISA PDD **NEW!**
- PCR Pacheco (herpesvirus)
- 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

Prices

View your results and certificates on your personal portal

MY PARROTS

NEORNILAB

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) **NEW**	24.79
Parrot PCR Aspergillosis	40.50
Autopsy	53.72
Autopsy extra bird	16.53
Cytology (5 organs)	16.53
Faecal analysis	17.36
Salmonella culture (mixed manure 5 days/organs)	22.73
E. coli resistance profile	20.00
Bacteriology (including antibiogram)	20.00

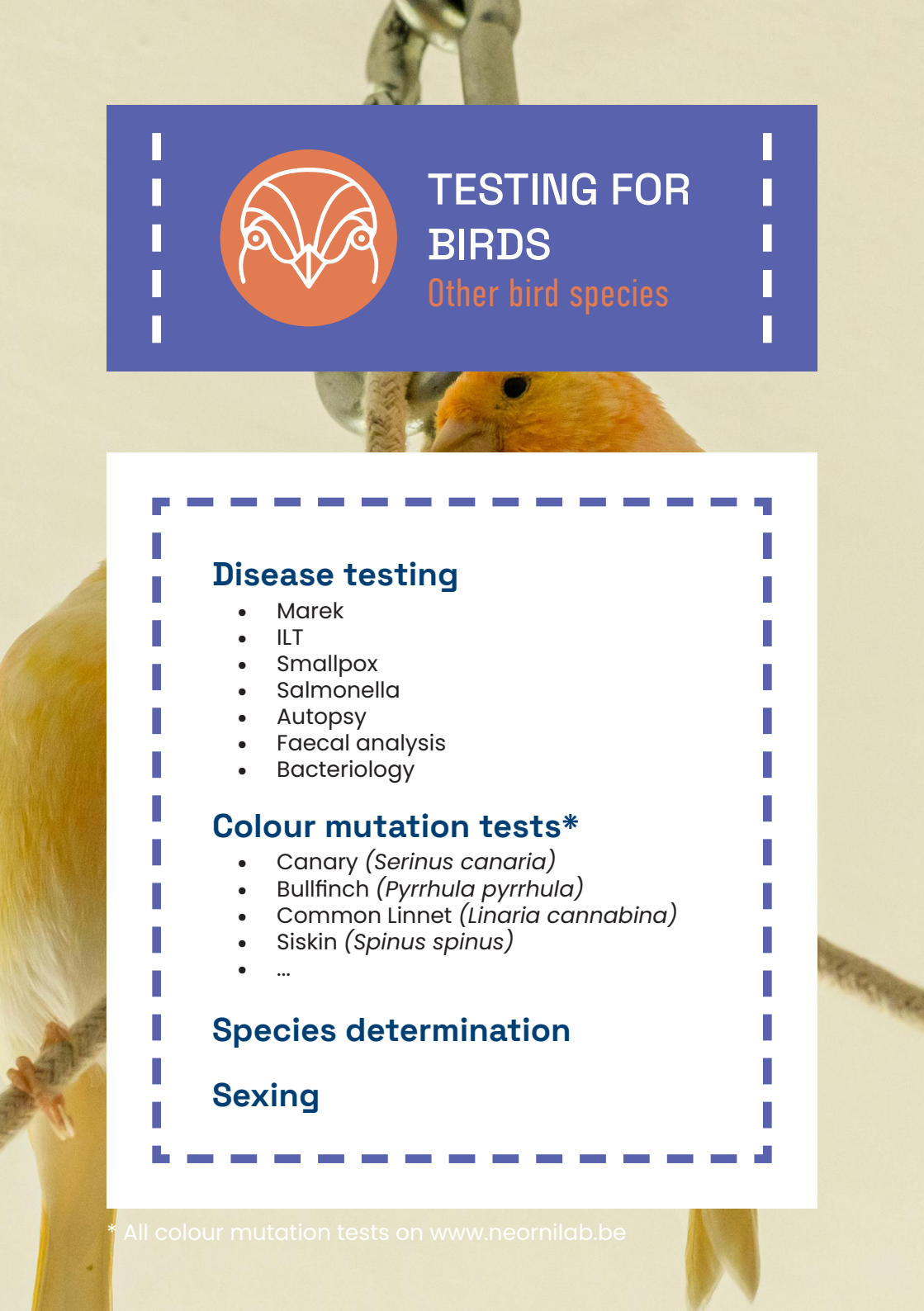
Combined tests	Excl. VAT (€)
Parrot PCR Duo 1 (PBFD + APV)	22.31
Parrot PCR Duo 2 (PBFD + chlamydia)	22.31
Parrot PCR Duo 3 (APV + chlamydia)	22.31
Parrot PCR Basis (PBFD + APV + chlamydia)	38.02
Parrot PCR Standard B (PBFD + APV + chlamydia + PDD)	61.98
Parrot PCR Standard H (PBFD + APV + chlamydia + 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) **NEW**	+ 24.79

Exclusive 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



TESTING 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)*
- ...

Species determination

Sexing

* All colour mutation tests on www.neornilab.be

Prices

View your results and certificates on your personal portal

MY BIRDS

NEORNILAB

Disease testing	Excl. VAT (€)
Autopsy	53.72
Autopsy extra bird	16.53
Cytology (5 organs)	16.53
Faecal analysis	17.36
Salmonella culture (mixed manure 5 days/organs)	22.73
E. coli resistance profile	20.00
Bacteriology (including antibiogram)	20.00

Exclusive 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

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.

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

View all colour mutations at www.neornilab.be

SUBMITTING A REQUEST

1 Take a sample from your bird

You can collect a sample yourself, or have it collected by a vet. Our website explains which type of sample is suitable for the desired examination.

Collect the sample in a zip bag. Zip bags and sampling material can be requested at **info@neornilab.be**.

2 Fill in the application form

Download your application form at **www.neornilab.be**. You can fill in the form manually or digitally.

Copy your bird's ID/chip on the zip bag, or note the serial number on the application form.

3 Send us your complete request

All requests should be sent to us at:
Beverlosesteenweg 129, 3583 Paal, Belgium.

Bring us your samples and application form during our front desk opening hours (Mon to Fri. 10 a.m. to - 12.30 p.m., and 1 p.m to 6 p.m.; Sat. 10 a.m. to 12 noon), or send us your complete request by post.

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** ('LOGIN') to download your certificate.

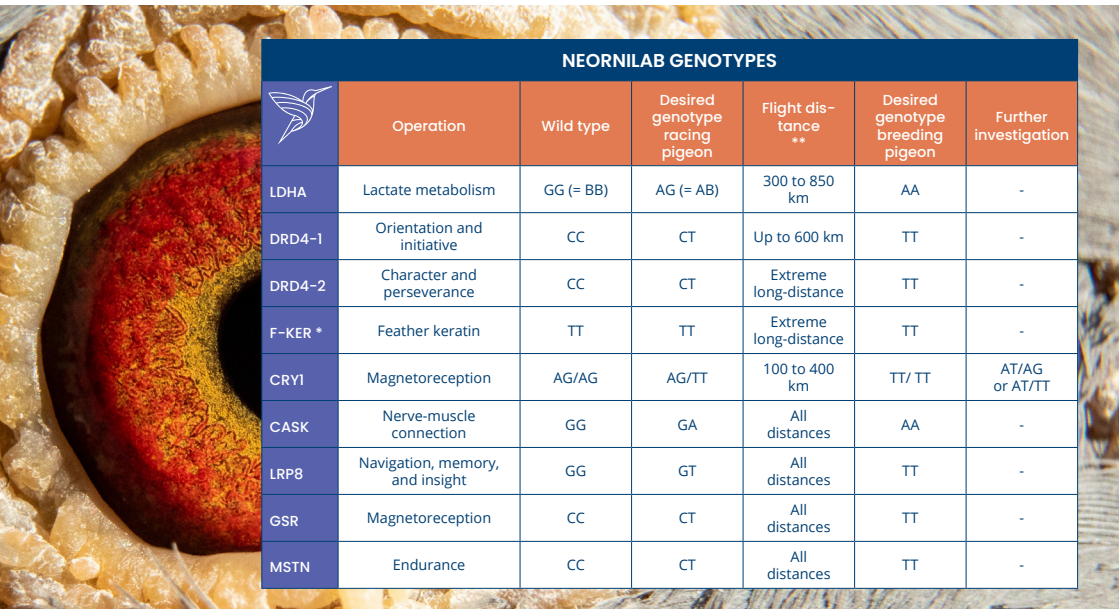
You will receive your login details via e-mail after we have processed your first request.

NEORNILAB

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**



NEORNILAB GENOTYPES

	Operation	Wild type	Desired genotype racing pigeon	Flight distance **	Desired genotype breeding pigeon	Further investigation
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.

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