

Product range

Complete overview of our allergy products and services

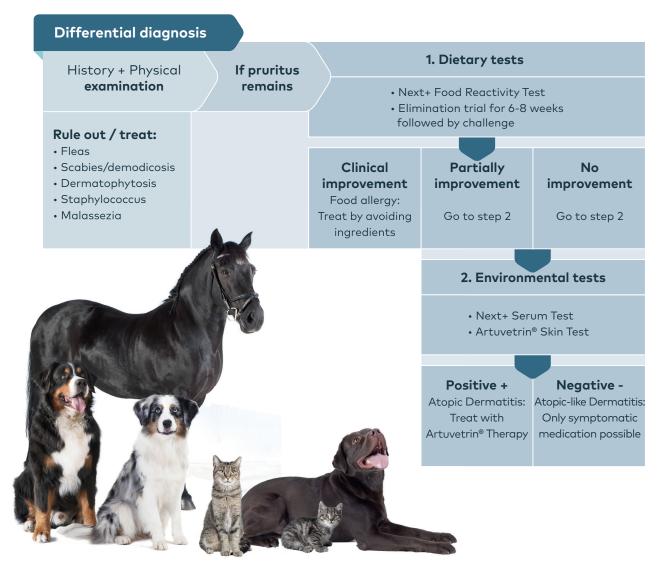
Why consider allergy?

Today, one out of five visits to a veterinarian is about allergy and skin problems. Prevalence has increased rapidly over the past 10 years and is expected to continue to grow. Allergy is one of the world's most common chronic diseases affecting millions of dogs, cats and horses. It is suggested that 10-15% of dogs¹ and 12,5% of cats² are affected by allergic disease.

Pruritus is the most common symptom of allergy. Cutaneous lesions such as erythema, excoriations and self-induced alopecia also reflect the severity of the disease. Respiratory symptoms (allergic rhinitis, asthma), gastrointestinal symptoms (vomiting, diarrhea, gastritis) and ocular symptoms (conjunctivitis) may also appear.

The diagnosis requires a systematic approach based on a full clinical examination, detailed patient history and a work up that excludes other potential causes.

The only causal treatment available is allergen-specific immunotherapy, a custom-made vaccine that treats the cause, not only the symptoms. It has proven efficacy (75% in dogs³) and safety⁴, and avoids long-term symptomatic medications with possible side effects.



About Nextmune

Nextmune is a science-driven, specialty pharmaceutical company dedicated to better health for companion animals. We have a particular passion for allergy prevention, diagnosis and treatment. Our business is at the forefront of allergy diagnostics and immunotherapy – the unique treatment that reduces or eliminates allergic symptoms by treating the cause, not only the symptoms.

For over 30 years, our mission is to provide the most accurate diagnosis with the fastest turnaround times, by equipping our service with the most advanced veterinary diagnostics technology. All our products are produced following the latest pharmaceutical requirements and our modern production facility is GMP approved.

We produce Artuvetrin® Therapy, the only allergenspecific immunotherapy licensed in Europe*. Therefore, under the European veterinary medicine regulations (directive 2004/28/EC), the product of choice.

*licensed in the Netherlands





Why serological testing?

Serological tests are a quick and easy way to identify the allergens that can be responsible for the allergic reaction.

Besides representing a quick and easy test, it has also the following advantages:

- Requires minimal patient preparation
- Result easy to interpret and with additional treatment advice
- · No adverse reactions
- No need for referral

- Standardized procedure
- Excellent reproducibility
- Not influenced by existing skin pathologies
- Not necessary to withdrawal medications (except high dose corticosteroids)

We have available the following serological tests:

- Environmental screening
- Environmental detailed panel
- Food reactivity test

You can find more information about each one of them in the following pages.

How to submit a sample for testing?

You can request at any time our free of charge submission envelopes. Please contact our customer service department if you need any more sending out.

You can also use other type of tubes or shipping package/envelope if you prefer. Just download our serum test request form at www.nextmune.com and add it to the sample. In the request form you can find information about the address to where it should be sent.

In case of any question, please contact our customer service department:

Tel: +31 320 783 130 | Email: info.eu@nextmune.com (EN)

Why Next+ Technology?

Next+ is an innovative allergy test for detecting specific immunoglobulin E (IgE) in the serum of dogs and cats. It has all the benefits of our ground-breaking technology it employs a new generation of CCD blockers.

Three proprietary monoclonal antibodies derived from recombinant IgE

- Unique monoclonal antibodies that target specific IgE sites
- Developed from canine recombinant IgE
- No cross-reactions with other immunoglobulins like IgG
- 100% specificity and superior sensitivity
- Fewer in-lab steps to minimize the risk of inaccuracy

2 New-generation semi-synthetic CCD blockers

- First test with next-generation CCD blockers
- · Highly specific blocking of CCDs
- · No interference with any tested allergens

3 Excellent accuracy and reproducibility

CCD negative samples

- Best-in-class intra-assay and inter-assay reproducibility
- Daily calibration curve removes variability

What are CCDs and why is it important to block them?

CCDs are cross-reactive carbohydrate determinants – the carbohydrate chains found in glycoproteins. CCDs are part of the structure of many allergy-causing proteins, especially plant-based allergens like pollen. During an allergic reaction, IgE is produced against the carbohydrate chains as well as the allergen proteins. Studies have confirmed that this occurs in 30% of humans, dogs and cats⁸⁻¹⁰.

Other research shows that IgE against CCDs is clinically irrelevant. But it is now known that removing CCD-specific IgE makes in vitro test correlate well with the sensitivity and specificity of intradermal skin tests¹⁰. Blocking CCDs simply means that the specificity of the *in vitro* test is enhanced.

SAMPLE 1 Does not contain CCD-lgE Relevant negative result Relevant positive result Allergen-specific IgE CCD-specific IgE CCD-specific IgE Specific allergen protein Specific IgE Specific IgE Specific IgE Specific allergen protein CCD chain CCD-blocker

CCD positive sample

Next+ Food Reactivity Test

Sample required: 1.5 ml of serum

Turnaround time: 2 days after arrival of the sample to the lab

Available for: Dog

Although not diagnostic, combined assays of food specific IgE and IgG, represent a useful tool to identify a suitable composition for an elimination diet, when attempting to diagnose and manage a suspected adverse food reaction⁵.

The testing of IgE on its own, represents a half-reliable tool. Evidence shows significant improvements when choosing an elimination diet based on combination of IgE and IgG results, when compared with IgE alone^{5,6}.

Generally, serum testing for food-specific IgE and IgG shown an average accuracy of 75%. High predictive negative values (Ø75% IgE and 84% IgG) represent

a more accurate interpretation when compared with positive predictability (15-100% IgE and 35% IgG)⁷.

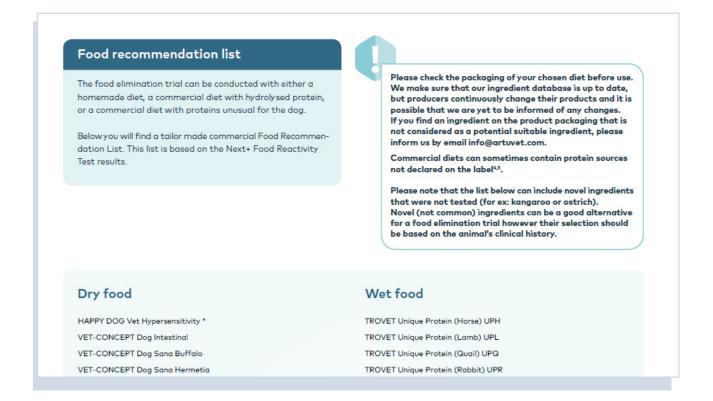
Next+ Food Reactivity Test includes the results for food-specific IgE and IgG levels for 20 different allergens, together with clear advice on potential suitable ingredients and commercial diets for a food elimination trial.



Both IgE and IgG serology tests have a high negative predictive value, so ideally foods that are negative to both should be selected for a food elimination trial. In this example: Venison and Egg can be considered.



Based in the result, we supply a customized food recommendation list (including the most common commercial diets available) that are most suitable as elimination diet for a food trial.



Next+/NextEQ Serum Test

Sample required: 1.5 ml for dogs/cats

and 3 ml for horses

Turnaround time: 2 days after arrival

of the sample to the lab

Available for: Dog, Cat and Horse



Test when the animal is symptomatic as many allergens are seasonal and the IgE response is relatively short-lived.

Panels

Designed in collaboration with specialists to include the relevant allergens for each area.

Next+ Dog and Cat

• 32 allergens

Indoor

- Farinae mite
- · House dust mite
- Hay mite
- Copra mite
- Grain mite
- Alternaria alternata
- Aspergillus fumigatus
- Cladosporium herbarum
- Malassezia
- Flea

Outdoor

- Bermuda grass
- Orchard grass
- Rye grass, perennial
- Timothy grass
- · Blue grass, Kentucky
- Oat, cultivated
- · Rye, cultivated
- Rape
- Birch
- Privet
- Cypress
- Olive
- Sycamore, eastern
- Willow
- Elm, American
- · Ragweed, common
- Mugwort, common
- Lamb's quarter
- · Plantain, English
- Sorrel, red or sheep
- Dandelion, common
- Nettle, stinging

NextEQ Horse

• 32 allergens

ndoor

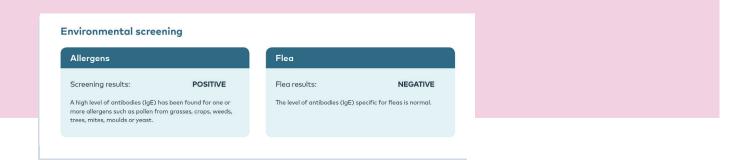
- Farinae mite
- House dust mite
- Hay mite
- · Copra mite
- Grain mite
- · Alternaria alternata
- Aspergillus fumigatus
- Cladosporium herbarum

Outdoor

- Bermuda grass
- Timothy grass
- Perennial grass
- Oat pollen
- Rye pollen
- Birch, Alder, Hazel
- Beech
- Elm
- Poplar
- Willow
- Ash
- PrivetOlive
- Cypress
- Common mugwort
- Stinging nettle
- English plantain
- Lambs quarter
- Dandelion
- Sheep/red sorrel
- Common ragweed
- Culicoides (midges)
- Tabanus (horse fly)
- Culex (mosquito)

Screening

The Screening indicates if any of the tested allergens is positive or if all allergens are negative. It does not specify the result for each individual allergen (with exception of individual Flea result for dog and cat).



Interpretation of results

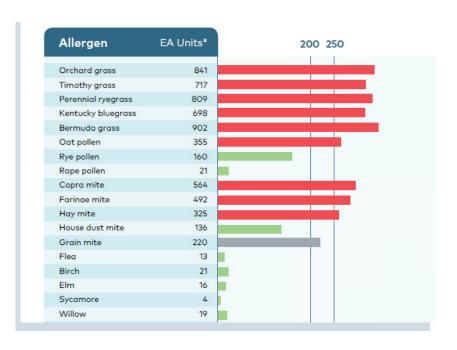
If a screening result is positive, a detailed allergy panel should be requested in order to identify the responsible allergens. In case of positive flea score, please treat with a good flea treatment. If a screening test is negative, and a correct diagnostic work-up has been followed and relevant clinical signs are present, a Skin Test can be performed. Our screening test is 100% reliable and accurate with the results of a detailed panel.

Detailed Panel

The detailed panel specifies the individual result for each tested allergens. Only with this panel it is possible to order a custom-made allergen-specific immunotherapy – Artuvetrin® Therapy or Sublingual Immunotherapy.

Interpretation of results

If the correct diagnostic work-up has been followed and relevant clinical signs are present, positive IgE scores (above 250) are compatible with an atopic condition. These allergens are significant if they are found in the pet's environment and relate to the clinical history.



Artuvetrin® Skin Test

Delivery time: 8-10 working days
Total allergens available (including mixtures): 80

The Artuvetrin® Skin Test allows you to determine to which substances a dog is allergic, by injecting small amounts of different allergens in the skin (intradermal test).



Latin	English	Mixtures
	Grasses	
 Agrostis gigantea Anthoxanthum odoratum Bromus inermis Cynodon dactylon Dactylis glomerata Festuca pratensis Holcus lanatus Lolium multiflorum Lolium perenne Poa pratensis 	Redtop Vernal grass, sweet Brome smooth Bermuda grass Orchard grass Fescue, meadow Velvet grass Rye grass, Italian Rye grass, perennial Blue grass, Kentucky	Grass pollen mixture: Bermuda grass Ochard grass Sweet vernal grass Timothy grass Velvet grass
	Trees and hedges	
 Acer negundo Aesculus hippocastanum Corylus avellana Cupressus sempervirens Fagus sylvatica Olea europaea Platanus occidentalis Populus alba Sambucus nigra 	Box Elder Buckeye, horse chestnut Hazel Cypress, Italian Beech, European Olive Sycamore, eastern Poplar, white Elder	Tree pollen mixture I: • Birch, Alder, Hazel Tree pollen mixture II: • Oak, Beech, Elm

Weeds and flowers

Lime tree

Ambrosia elatior	Ragweed, common
Artemisia vulgaris	Mugwort, common
Chenopodium album	Lambs quarter
Leucanthemum vulgare	Daisy
Parietaria officinalis	Pellitory, wall or erect
Plantago lanceolata	Plantain, English
Rumex acetosella	Sorrel, red or sheep
Rumex crispus	Dock, yellow
Solidago virgaurea	Goldenrod
Salsola kali	Russian Thistle

10. Tilia cordata

1.

2.

3.

4.

5.

6. 7.

8.

9.

10.

Weed pollen mixture:

 Mugwort, Nettle, Dandelion, English plantain

Weed pollen mixture I:

• Mugwort, Nettle

Weed pollen mixture II:

Goldenrod, Lambs quarter,
 Dandelion, Red or sheep sorrel,
 English plantain

Latin	English	Mixtures
	Crops	
 Avena sativa Brassica napus Secale cereale Triticum aestivum Zea mays 	Oat, cultivated Rape Rye, common Wheat Corn	N/A
	Mites	
 Acarus siro Dermatophagoides farinae Dermatophagoides pteronyssinus Euroglyphus maynei Lepidoglyphus destructor Tyrophagus putrescentiae 	Grain mite Farinae mite House dust mite Euroglyphus maynei Hay mite Copra mite	N/A
	Insects	
 Aedes communis Culex Culicoides Musca domestica Periplaneta americana Tabanus spp. 	Mosquito Culex Biting Midges House fly Cockroach Horse fly	N/A
	Epithelia	
 Canis familiaris Columba palumpus Cricetus cricetus Equus caballus Felis domesticus Melopsittacus undulatus Mus musculus Oryctolagus cuniculus Ovis aries 	Dog Pigeon Hamster Horse Cat Parakeet Mouse Rabbit Sheep	Epithelia mixture I: • Guinea pig, Dog, Cat, Hamster, Rabbit Epithelia mixture II: • Duck, Goose, Chicken
	Fungi	
 Alternaria alternata Aspergillus fumigatus Botryti cinerea Candida albicans Cladosporium herbarum 		Fungi mixture I: • Alternaria alternata, Aspergillus fumigatus, Cladosporium herbarum Aspergilus mixture:
6. Mucor mucedo7. Phoma betae8. Rhizopus nigricans		Aspergilus flavus, fumigatus, nidulans, niger
	Yeast	
1. Malassezia		N/A

Artuvetrin® Therapy (1-4 allergens) and Therapy Forte (5-8 allergens)

Delivery time: 8-10 working days

Total allergens available (including mixtures): 90

Artuvetrin® Therapy is the only licensed allergen-specific immunotherapy in Europe*. It is a name-patient, custom made treatment produced individually for each animal. Artuvetrin® Therapy has proven efficacy (75%) and safety, therefore can be given for long periods. Each vial lasts for 10 months.



Latin	English	Mixtures
	Grasses	
 Agropyron repens Agrostis gigantea Anthoxanthum odoratum Bromus inermis Cynodon dactylon Dactylis glomerata Festuca pratensis Holcus lanatus Lolium multiflorum Lolium perenne Phleum pratense Poa pratensis 	Cough grass Redtop Vernal grass, sweet Brome smooth Bermuda grass Orchard grass Fescue, meadow Velvet grass Rye grass, Italian Rye grass, perennial Timothy grass Blue grass, Kentucky	Grass pollen mixture: Bermuda grass Ochard grass Sweet vernal grass Timothy grass Velvet grass
	Trees and hedges	
 Acer negundo Aesculus hippocastanum Alnus glutinosa Betula pendula Corylus avellana Cupressus sempervirens Fagus sylvatica Fraxinus excelsior Ligustrum vulgare Olea europaea Platanus occidentalis Populus alba Salix viminalis Sambucus nigra Tilia cordata Ulmus americana 	Maple, ash leaved Buckeye, horse chestnut Alder, black Birch Hazel Cypress, Italian Beech, European Ash European Privet Olive Sycamore, eastern Poplar, white Willow Elder Linden Elm, American	Tree pollen mixture I: • Birch, Alder, Hazel Tree pollen mixture II: • Oak, Beech, Elm Tree pollen mixture III: • White poplar, Willow, Ash and Ash-leaved maple

Oat, cultivated

Rye, common

Wheat Corn N/A

Avena sativa
 Brassica napus

3. Secale cereale4. Triticum aestivum

5. Zea mays

Latin	English	Mixtures
	Weeds and flowers	
 Ambrosia elatior Artemisia vulgaris Chenopodium album 	Ragweed, common Mugwort, common Lambs quarter	Weed pollen mixture: • Mugwort, Nettle, Dandelion, English plantain
4. Leucanthemum vulgare5. Parietaria officinalis6. Plantago lanceolata	Daisy Pellitory, wall or erect Plantain, English	Weed pollen mixture I: • Mugwort, Nettle
7. Rumex acetosella 8. Rumex crispus 9. Solidago virgaurea 10. Taraxacum officinale 11. Urtica dioica 12. Salsola kali	Sorrel, red or sheep Dock, yellow Goldenrod Dandelion, common Nettle, stinging Russian Thistle	 Weed pollen mixture II: Goldenrod, Lambs quarter, Dandelion, Red or sheep sorrel, English plantain
	Mites	
 Acarus siro Dermatophagoides farinae Dermatophagoides pteronyssinus Euroglyphus maynei Lepidoglyphus destructor Tyrophagus putrescentiae 	Grain mite Farinae mite House dust mite Euroglyphus maynei Hay mite Copra mite	N/A
	Insects	
 Aedes communis Culex Culicoides Musca domestica Periplaneta americana Tabanus spp. 	Mosquito Culex Biting Midges House fly Cockroach Horse fly	N/A
	Epithelia	
 Canis familiaris Columba palumpus Cavia porcellus Cricetus cricetus Equus caballus Felis domesticus 	Dog Pigeon Guinea pig Hamster Horse Cat	Epithelia mixture I: Guinea pig, Dog, Cat, Hamster, Rabbit
7. Melopsittacus undulatus8. Mus musculus9. Oryctolagus cuniculus10. Ovis aries	Parakeet Mouse Rabbit Sheep	Epithelia mixture II: Duck, Goose, Chicken
	Fungi	
 Alternaria alternata Aspergillus fumigatus Botrytis cinerea Candida albicans Cladosporium herbarum Mucor mucedo Phoma betae 		Fungi mixture I: • Alternaria alternata, Aspergillus fumigatus, Cladosporium herbarum Aspergilus mixture: • Aspergilus flavus, fumigatus,
8. Rhizopus nigricans	Yeast	nidulans, niger

1. Malassezia N/A

Sublingual Immunotherapy (1-12 allergens)

Delivery time: 8-10 working days

3. Secale cereale

5. Zea mays

4. Triticum aestivum

Total allergens available (including mixtures): 73

Sublingual immunotherapy is an alternative way to treat atopic dermatitis by placing the allergenic extract in the animal's mouth rather than injecting it subcutaneously. Each bottle can last from 3 to 5 months depending on the animal's weight and optimal dosage.



Latin	English	Mixtures
	Grasses	
1. Agrostis gigantea	Redtop grass	
2. Agropyron repens	Cough grass	
3. Anthoxanthum odoratum	Vernal grass, sweet	Grass pollen mixture:
4. Bromus inermis	Brome smooth	 Bermuda grass
5. Cynodon dactylon	Bermuda grass	 Ochard grass
6. Dactylis glomerata	Orchard grass	 Sweet vernal grass
7. Festuca pratensis	Fescue, meadow	 Timothy grass
8. Holcus lanatus	Velvet grass	 Velvet grass
9. Lolium perenne	Rye grass, perennial	
10. Phleum pratense	Timothy grass	
11. Poa pratensis	Blue grass, Kentucky	
	Trees and hedges	
1. Acer negundo/rubrum	Box Elder/Maple mix	
2. Alnus rubra/rhombifolia	Black alder mix	
3. Betula occidentalis	Birch	
4. Corylus americana	Hazel	
5. Cupressus arizonica	Cypress	Tree pollen mixture I:
6. Fagus grandifolia	Beech	 Birch, Alder, Hazel
7. Fraxinus americana/velutina	Ash mix	Tree maller rejeture lle
8. Ligustrum vulgare	Common Privet	Tree pollen mixture II:
9. Olea europaea	Olive	 Oak mix, Beech, American Elm
10. Pinus ponderosa/taeda	Pine mix	Tree pollen mixture III:
11. Platanus occidentalis/racemosa	Sycamore mix	 Poplar mix, Willow, Ash mix
12. Populus alba/deltoides	Poplar mix	and Box elder mix
13. Quercus virginiana/alba	Oak mix	
14. Salix nigra	Willow	
15. Tilia spp.	Lime tree	
16. Ulmus americana	Elm, American	
	Crops	
1. Avena sativa	Oat, cultivated	
2. Brassica napus	Rape	

Rye, common

Wheat

Corn

N/A

	Latin	English	Mixtures
		Weeds and flowers	
1.	Ambrosia spp.	Ragweed, common mix	Weed pollen mixture:
2.	Artemisia spp.	Mugwort, common mix	 Mugwort mix, Stinging nettle,
3.	Chenopodium album	Lambs quarter	Common dandelion, English
4.	Parietaria officinalis	Pellitory, wall or erect	plantain
5.	Plantago lanceolata	Plantain, English	Weed pollen mixture I:
6.	Rumex acetosella/crispus	Sorrel mix	Mugwort mix, Stinging nettle
7.	Solidago virgaurea	Goldenrod	· Mogwort mix, Striging nettle
8.	Taraxacum officinale	Dandelion, common	Weed pollen mixture II:
9.	Trifolium pratense	Clover (red)	 Goldenrod, Lambs quarter,
10.	Urtica spp.	Nettle, stinging	Common dandelion, Sorrel mix, English plantain
		Mites	
1.	Acarus siro	Grain mite	
2.	Derm. farinae	Farinae mite	
3.	Derm. pteronyssinus	House dust mite	N/A
4.	Lepidoglyphus destructor ¹	Hay mite	
5.	Tyrophagus putrescentiae ¹	Copra mite	
		Insects	
1.	Blattella germanica¹	Cockroach	
2.	Culicidae ¹	Mosquito	
3.	Culicoides spp.	Biting midges	N/A
4.	Musca domestica¹	House fly	
5.	Tabanus spp.	Horse fly	
		Epithelia	
1.	Cavia porcelius	Guinee pig	Epithelia mixture:
2.	Canis familiaris	Dog	 Guinea pig, dog, cat
3.	Equus caballus	Horse	Epithelia mixture II:
4.	Felis domesticus	Cat	• Duck, Goose, Chicken,
5.	Mus musculus	Mouse	Parakeet, Pigeon
6.	Ovis aries	Sheep	Fulukeet, Figeon
		Fungi	
1.	Alternaria alternata		Fungi mixture I:
2.	Aspergillus niger		 Alternaria alternata, Aspergillus
3.	Cladosporium herbarum		niger, Cladosporium herbarum
		Yeast	
1.	Malassezia		N/A

Pet's Relief® Allergy management and skin care

ALLERGONE

Innovative solution for neutralization of house dust allergens. Reduces the exposure to house dust allergens, which helps to reduce the allergic symptoms.



Dual mechanism of action

Neutralises main allergens of house dust

ALLERGONE spray contains an aqueous suspension of microcapsules. The core of microcapsules is filled with a mixture of substances affecting the chemical structure of allergens particles.

Reduces the risk of allergen exposure

ALLERGONE forms a polymer film that glues dust allergens in larger particles stopping them from floating in the air and allowing aggregated allergens to be removed easily with conventional cleaning.

Application sites



and carpets



Bedding



Mattresses



Jpholstered furniture



Soft toys



Long-term efficacy

With innovative microcapsulation technology (Slow Release TM Technology):

- Long-term protection against house dust mites – 5 months after a single application
- Controlled release of the components provides increased safety standards – proven safety.





High efficiency

Packaging of 400 ml is enough to spray a surface of approximately 40m².

10 mattresses



Easy to use

- Evenly covers large surfaces.
- Odorless and stain free formula.



ATOPI-3

ATOPI-3 contains a complete and balanced combination of EPA (eicosapentaenoic acid), DHA (docosahexaenoic acid), Zinc, MSM (methylsulfonylmethane), Vitamin E, Vitamin C and Vitamin A.



- · For dogs and cats
- 3 ml per 10kg of weight
- Once a day, mixed with food or directly into the mouth
- Recommended to give for at least 6 weeks

The scientifically developed and unique composition of ATOPI-3 helps to maintain the **skin's natural barrier**, promotes **skin repair**, helps to control excessive **skin inflammation**

and supports neutralization of free-radicals (antioxidant).

The administration period may vary, depending on the veterinarian's advice and skin's condition. Can be administered for long periods of time.









DERM-10

DERM-10 is a smooth wound cream containing powerful wound healing agents for a rapid recovery of all kinds of non-penetrating or superficial wounds.

DERM-10 works quickly and deeply. The rapid healing helps to prevent the developments of scar tissue and allows to regain the normal hair structure and color after total recovery.

DERM-10 can be applied as a preventative on areas where the skin is frequently at risk of injury. Suitable for uncovered or dressed wounds.



Airless dispenser bottle for easy and hygienic application











INSECT BITES

Skin cream with zinc oxide + 9 herbal extracts

Centella asiatica, Echinacea purpurea, Calendula officinalis, Hamamelis virgiana, Melaleuca viridiflora, Thuja occidentalis, Lavendula angustifolia, Salvia lavandulifolia, Arnica montana







LBOWS H

HARNESS SUPPORT POINTS

SADDLES SUPPORT POINTS

Loyalty & Care Program

Our Loyalty & Care Program offers you total support, which enables you to provide your customers with fully customised care.

All latest information and developments

Subscribe to our newsletter, visit our website (www.nextmune.com) or contact us by email or phone. Our specialised staff are happy to help.

Free educational programs

Sign up for unlimited educational programs including: Lunch&Learns, webinars, seminars, in-house days, my allergic pet sessions, etc.



Online ordering

At www.nextmune.com you can find not only information, digital order forms and materials, but you can also order our products in a comfortable, easy and practical way.

Reminder service for your practice

When you sign up for the Artuvetrin reminder service you receive personalised emails that can be used to remind your clients to reorder Artuvetrin® Therapy in time. You don't need to keep track of when the subsequent therapy is needed.

Reminder services for the pet parent*

Pet parents can simply download the free of charge therapy app and it will inform in good time when a dose should be administered or a new vial should be ordered.





Veterinary materials

- Atopic dermatitis
- Food allergies
- Flowchart atopic dermatitis
- Allergen range guide
- Ruler and skin marker for skin test



Pet parent materials*

- Pet allergies
- Allergen Guide
- Treatment Diary with itching scale

*All these materials are included in the Artuvetrin® startKIT





For more information or to order materials, please contact us by email, phone or go to info.eu@nextmune.com. To sign up for any of our free educational programs contact us at: academy.eu@nextmune.com

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