

KYRON'S PROTEXIN® RANGE

Different species of bacteria in probiotics perform different functions in your pet's body. A single strain probiotic is of limited value in the dynamic and fast-changing ecosystem of the gut: the greater the range of strains or species, the greater the range of essential functions which they perform. PROTEXIN® is a multi-strain probiotic.



Reg. No. G2634 Act 36/1947

Reg. No. G1265 Act 36/1947

PROTEXIN® SOLUBLE (all animals)

A palatable powder which can be added to milk or water or sprinkled on your pet's food. It contains nine strains of beneficial micro-organisms. Given routinely, it helps to ensure a positive balance of digestive tract micro-organisms to help the body use nutrients efficiently, and to maintain healthy growth and resist the effects of stress in animals. PROTEXIN® SOLUBLE also aids in controlling diarrhoea.

PROTEXIN® PREMIUM (equines)

A palatable powder containing ten strains of beneficial micro-organisms together with enzymes. It's designed to be fed to the animal on a continuous basis and so prevent digestive upsets. Enzymes give a more rapid and thorough release of the nutrients in food.

PROTEXIN® products are available from your veterinarian.



5 Reasons to use PROTEXIN®

1

PROTEXIN® Probiotics are the most advanced probiotics available.

Different strains of bacteria in probiotics perform different functions — PROTEXIN® is a multi-strain probiotic (the greater the range of strains, the greater the range of essential functions which they perform).

2

The micro-organisms in PROTEXIN® are carefully chosen for their ability to multiply rapidly and colonise the gut for maximum probiotic activity.

3

The micro-organisms used in PROTEXIN® are pure strains, cultivated in laboratory conditions and then coated using a unique process — this protects the organisms from heat and enables them to survive the acidity of the stomach.

4

PROTEXIN® is suitable for all animals — use it to normalise digestion and stimulate immunity.

5



KYRON

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Bodyguard

Multi-strain probiotics promote healthy living in your pet.

Probiotics aid the digestive process and raise resistance to illness.

Back a Winner!



The digestive system of your pet (and all animals) is home to millions of bacteria and yeasts, known as the microflora. They aid the digestive process and have a major influence on the body's defence system.



The organisms in the microflora have a protective effect on the body. When the body is damaged or disturbed by specific disease agents, stress conditions (dietary disturbances, transport, antibiotic treatment, etc) or by chemical or plant poisonings, the microflora are also compromised and need to re-establish themselves to bring the body back to health.

“ Probiotics given at or soon after birth establish a very good gut microflora for life. ”

WHAT ARE PROBIOTICS?

Probiotics are dietary supplements containing beneficial or “friendly” bacteria and yeast cultures. They aid the body's natural microflora in the digestive tract to re-establish themselves. In a newly born animal, the gut is relatively sterile and is therefore deficient in the micro-organisms which normally populate the gut and provide resistance to disease.

HOW DO PROBIOTICS WORK?

They work in a few different ways. Some of the methods they use include: they multiply rapidly and in effect squeeze out pathogenic or “bad” bacteria. They produce fatty acids that stop bad bacteria from reproducing. They produce other substances that actually kill bad bacteria.



WHEN SHOULD PROBIOTICS BE USED?

- When animals are under stress, to help improve their ability to fight the effects of infection.
- After antibiotic therapy*, to restore the natural balance of the gut flora.
- In young animals (e.g. newborn) to promote normal growth and development.

* Antibiotics usually affect the gut flora badly — they kill the good bacteria as well as the bad. This often results in diarrhoea.

WHAT IS PROTEXIN®?

PROTEXIN® is a highly concentrated probiotic which contains millions of beneficial micro-organisms which occur naturally in the gut of all healthy birds and animals. These “friendly” micro-organisms colonise the immature gut or re-establish the microflora and protect against potential harmful bacteria.

PROTEXIN® can be used at any time in your pet's life but specific situations include:

- Immediately after birth to establish a correct microflora.
- After changes of feed or when moving house.
- Pre- and post-anaesthesia.
- During and after antibiotic or steroid therapy.
- After vaccination.
- In preparation for, during and after periods of stress.
- During travel.

PROTEXIN® has no side effects and its use will always be of some benefit. In animals with long-term problems PROTEXIN® is perfectly safe and no resistance will develop to the probiotic micro-organisms. PROTEXIN® has never been found to be toxic. Even at more than 100 times the recommended dose there are no



side-effects. None of the ingredients used in the manufacture of PROTEXIN® will cause irritation or allergic reactions.

CAN YOGHURT BE USED INSTEAD OF PROTEXIN®?

Live yoghurt can be used to provide some live micro-organisms. However it has some distinct disadvantages: the concentration of live micro-organisms present in the yoghurt is unknown but is usually low and dependant on the freshness of the yoghurt and how it has been stored. In contrast, PROTEXIN® gives you a high and guaranteed concentration of probiotic.



The actual strains of micro-organisms contained within live yoghurts tend to be chosen for taste and texture properties rather than probiotic activity — so they may not confer any health benefit.

WHAT ARE THE BENEFITS OF USING PROTEXIN®?

- Reduction of the effects of stress.
- Reduction of diarrhoea and other digestive upset.
- Improved immunity and resistance to disease.
- Improvement in digestion.
- Guaranteed high levels of probiotic.
- Safety in use on all animals.

PREBIOTICS (not PROBIOTICS)

Prebiotics are non-digestible food ingredients (usually carbohydrates) that selectively stimulate and activate the “friendly” bacteria of the host. They are actually food for the microbes, not the microbes themselves.

Combinations of prebiotics and probiotics (=synbiotics) are thought to be synergistic but this is not scientifically proven.