

#### Packing

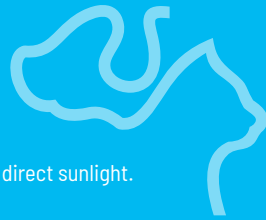
The box contains of 15 sachets each 10 grams.

#### Storage conditions

Keep in a cool, dry place, away from exposure to direct sunlight.  
Keep out of reach of children.

#### Best before

2 years after production date.



[www.biorun.ir](http://www.biorun.ir)

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شرکت فن آوری زیستی طبیعت گرا  
کرج، گلدشت، خیابان هشتم غربی  
تلفن: ۰۲۶ ۳۴۸۰۶۶۶۶-۷  
نمبر: ۰۲۶ ۳۴۸۰۴۵۶۴

**Biorun**<sup>®</sup>  
Nature Biotechnology Company



**DIARACARE**

**Probiotic D<sup>+</sup>**

- Advanced Probiotic Formula
- Anti-Diarrheal



### Drug Category:

Synbiotic

### Drug form:

Mixable powder in feed or water

### Target animal:

Pets

### Ingredients

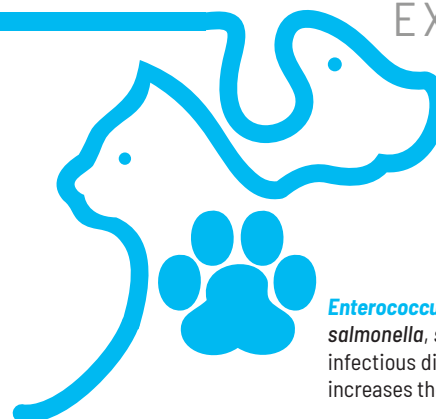
- *Enterococcus faecium*
- *Pediococcus acidilactici*
- *Lactobacillus acidophilus*
- *Lactobacillus salivarius*
- *Lactobacillus reuteri*
- *Lactobacillus fermentum*
- *Bifidobacterium animalis*
- Electrolytes
- Prebiotic (DOS)

### Amount of active ingredients

Total Count > 1×10<sup>8</sup> CFU/g

### Recommended dosage

Daily 1-2 sachets per animal depending on the size.



### Mode of action

One of the main causes of diarrhea is infections that can be caused by viruses, bacteria, parasites or a condition known as gastroenteritis; diarrhea is a common symptom of gastrointestinal diseases and is a major cause of death in cubs. In animals with diarrhea, the animal's body dehydrated quickly and in many cases may cause death in the animals. Diaracare is a special product for preventing and improving various diarrhea in pets.

***Enterococcus faecium*:** This probiotic strain has inhibitory effects against *E.coli*, *salmonella*, *shigella* and other enteropathogenic strains and is used to prevent infectious diarrhea and diarrhea caused by antibiotics. This microorganism also increases the immune response and stimulates the immune system.

***Bifidobacterium animalis*:** This probiotic strain is part of the healthy and natural microflora of your pet's body. Researches showed that this type of microorganism plays an important role in preventing inflammatory infections and improved idiopathic diarrhea in dogs, and has a significant effect on *Salmonella* and other enteropathogenic species. *Bifidobacterium animalis* not only reduces the severity and effects of acute diarrhea, but also has a significant effect on the increase of the level of beneficial bacteria in the gastrointestinal tract and the overall improvement of the intestinal health. These microorganisms attach to epithelial cells in the gastrointestinal tract, multiply rapidly and significantly reduce pathogenic microorganisms in the digestive tract.

***Lactobacillus acidophilus*:** this strain has the ability to produce bacteriocin Acidocin CH5, which has anti-bacterial and antifungal properties. Other positive effects of *Lactobacillus acidophilus* include the protection against *Salmonella* and *Campylobacter jejuni*, the elimination of fever and vascularity, the provision of preventive effects against diarrhea, weight gain and height in young dogs.

*Lactobacillus salivarius*, *Lactobacillus fermentum* and *Lactobacillus reuteri* are significantly present in natural microbiota. In addition to providing a potent antimicrobial activity in the digestive system, they can alter and improve the digestive system's health and are very effective in reducing and improving the infections in intestine.

### Mode of action of prebiotic:

Prebiotics in the Diaracare is dextran oligosaccharide. The prebiotic is a bacterial exopolysaccharide produced by *Leuconostoc mesenteroides* in sucrose-based medium. Dextran is resistant to gastric enzymes and in the digestive system, only bacteria that have a dextranase enzyme, such as bacteria that produce lactic acid (As the bacteria present in this product) are able to use it. In this way, the prebiotic in this compound helps to grow and colonize probiotic microorganisms and prevent the growth of pathogen microorganisms. Dextran in the formulation and short chain fatty acids produced by bacteria stimulate the immune system.

### Advantages

- Improved immune system function
- Reduced gastrointestinal infections
- Reduces and improves diarrhea
- Improved appetite and health

