

PROBIONA

Probiotic supplement for adults



PROBIOTICS
with 5
bacterial
strains

Suitable during
and after the use
of antibiotics to
restore intestinal
microflora.



2.850 billion cfu
per capsule
guaranteed



PROBIONA

Probiona presents complex probiotic supplement for adults. During its usability Probiona guarantees 2.850 billion cfu in every capsule. The content of 5 different bacterial strains quickly colonize the digestive tract and harmonize the intestinal microflora.

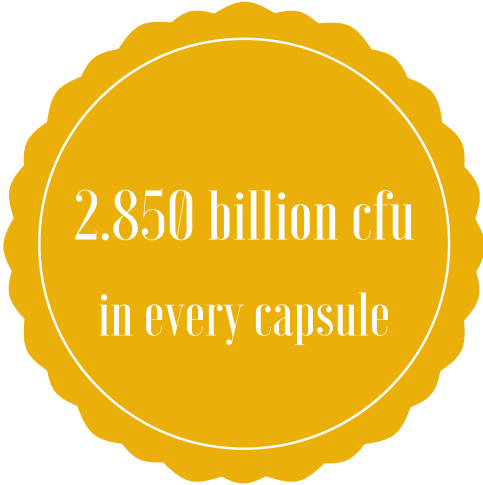
Manufacturing processes of Probiona are based on requirements for production of medicines according to GMP.



Probiotics strains which are contained in Probiona product demonstrated gastrointestinal acid and bile tolerances over 90%.

COMPOSITION OF PROBIONA

Composition of 1 capsule	
Lactobacillus acidophilus	0.75 billion cfu
Lactobacillus rhamnosus	0.75 billion cfu
Bifidobacterium longum	0.75 billion cfu
Bifidobacterium bifidum	0.50 billion cfu
Saccharomyces boulardii	0.10 billion cfu



EFFECTS OF PROBIOTIC STRAINS IN PROBIONA

- reduce the duration of the intestinal diarrhea
- reduce the risk of developing antibiotic associated diarrhea by about two-thirds
- relieve constipation by increasing the range of bowel movements from a 20-50 % a week
- better lactose digestion and less flatulence
- promote the immune system locally and systematically
- improve biomarkers and influence the incidence and duration of infections



WHAT ARE PROBIOTICS?

Probiotics are live microorganism which when used in adequate amounts confers a health benefit on the host. Recent research shows that there are over 1000 species found in intestinal microflora in humans. Majority of microflora is relatively stable but the microflora of child or ill adult is less stable and is easier to disrupt. Probiotics act to reconstitute the normal microflora after use of antibiotics, diarrhea, etc. Probiotics do not colonize the intestine permanently so they should be taken on regular basis to ensure intestinal benefits.



HOW DO PROBIOTICS WORK?

They are able to change the composition of the intestinal contents towards higher levels of lactobacillus and bifidobacterium and decrease levels of potential pathogens such as E. Coli, Clostridium, Salmonella and Candida. There is also indication that probiotics affect immune system locally and systematically.

PROBIOTICS AND ANTIBIOTICS

Probiotics play a significant role in the reduction of antibiotic associated diarrhea (AAD). A number of clinical trials have shown the prevention of development of AAD using the probiotics cultures. According to the recent studies it was proved that probiotics can reduce the risk of AAD by 42%. The results of these clinical reviews shows a sufficient evidence to involve the probiotic bacteria as a supplement to antibiotic treatment.

RESULTS OF THE RESEARCH OF PROBIOTICS CONTAINED IN PROBIONA

Illness	Average benefits
Infectious diarrhea	Duration of diarrhea reduced by 31 hours.
Antibiotic associated diarrhea	AAD rate reduced by half.
Necrotising enterocolitis	Lactose and symptoms reduced by two-thirds.
Constipation	20-50% increase in bowel movements.

PROBIONA

**Probiotic supplement with complex
of 5 bacterial strains**



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Probiona

Probiotics for children

Kids



For healthy immune system and
balanced intestinal microflora

2.5 billion cfu per capsule
guaranteed



Probiona Kids

Probiona Kids presents probiotic complex supplement for children. The complex of 4 bacterial strains quickly colonize the digestive tract of children. During its usability Probiona Kids guarantees 2.5 billion cfu in every capsule.



Manufacturing processes of Probiona Kids are based on requirements for production of medicines according to GMP.

Probiotics strains which are contained in Probiona Kids product demonstrated gastrointestinal acid and bile tolerances over 90%.

Composition	
Lactobacillus acidophilus	0.8 billion cfu
Lactobacillus rhamnosus	0.8 billion cfu
Bifidobacterium longum	0.8 billion cfu
Saccharomyces boulardii	0.1 billion cfu

How to use:

For children under 3 years

You just open 1 capsule with gentle compression and swirl and use it together with liquid or food.

For older children

Wash down with reasonable amounts of liquids.

Effects of probiotics strains in Probiona Kids



support the immune system of children



lower the risk of AAD



restore the gut microflora after the use of antibiotics

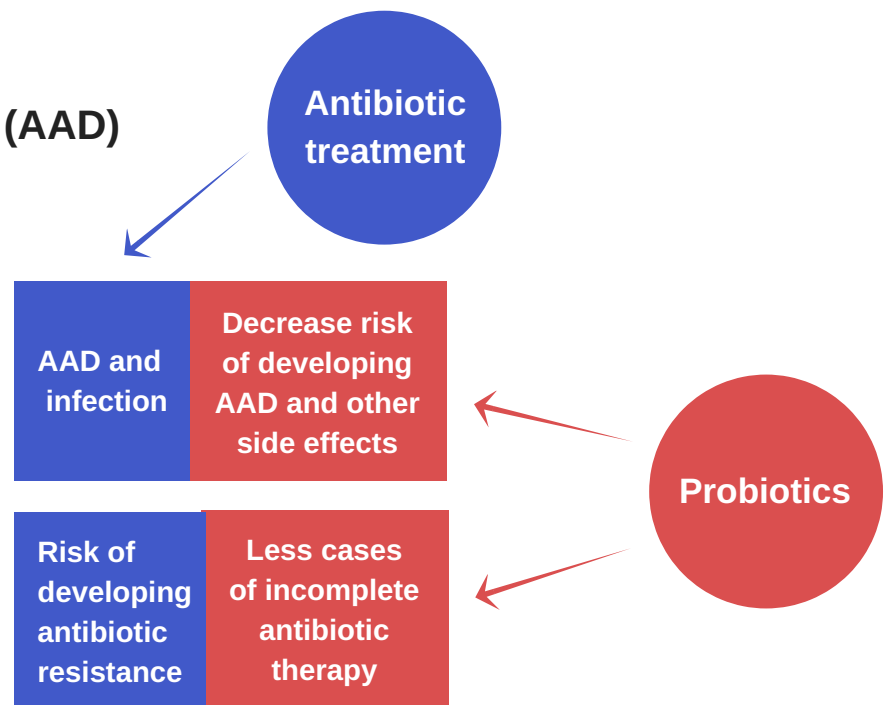
What are probiotics

Probiotics are live microorganism which when used in adequate amounts confers a health benefit o the host. The majority of the microflora is relatively stable but the microflora of child is less stable and is easier to disrupt. Probiotics act to reconstitute the normal microflora after the use of antibiotics, diarrhea, etc. Probiotics do not colonise the intestine permanently so they should be taken on regular basis to ensure intestinal benefits.



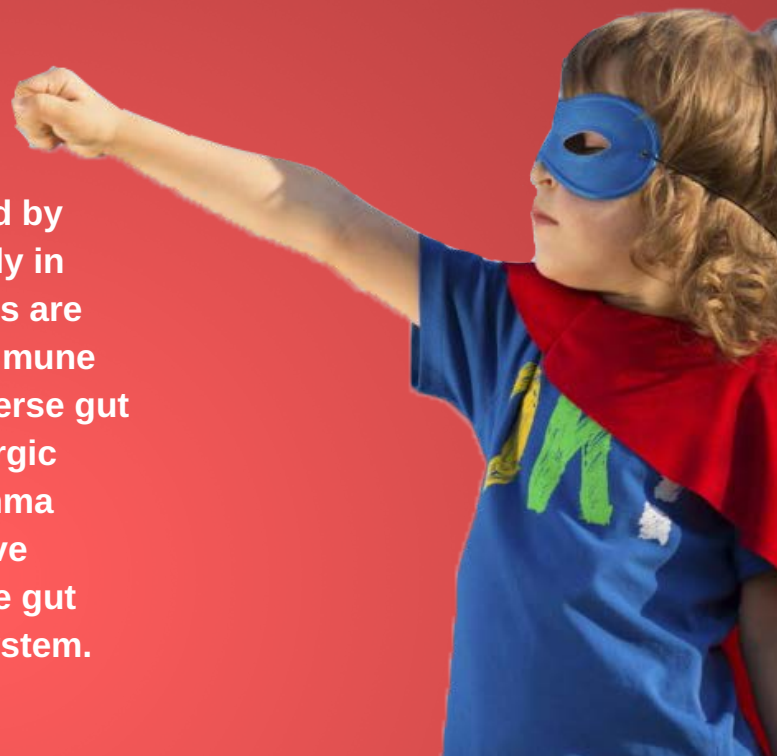
Antibiotic associated diarrhea (AAD)

Antibiotics change the microbial balance in the gastrointestinal tract by allowing the pathogenic bacteria to overgrow. This increase the risk of developing a further intestinal infection and associated AAD. Studies show that probiotics with a complex of bacterial strains decrease the diarrhea by 48%.



Probiotics and immune system

Development of immune system is influenced by composition of intestinal microflora especially in early stages of life. Up to 70% of immune cells are located within the gut. A disbalance of the immune system and a disrupted gut lining or less diverse gut microflora may result in the incidence of allergic diseases such as eczema, hay fever and asthma already in the early stages of life. Studies have shown that probiotics positively influence the gut flora balance and development of immune system.



Probiona Kids

Probiotic complex
for children



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