

Baby Care

Food supplement with Probiotics and Vitamin D3
Net volume 8ml

WHAT IS BABY CARE?

Baby Care consists of a suspension of microencapsulated powder in an oily matrix, formulated for infants from 1 month of age. It contains Bifibaby® probiotic blend with 2 clinically studied bacterial strains which promote the intestinal flora balance and added Vitamin D3 which contributes to the normal function of the immune system.

Research has shown that infants with colic are characterized by a slower development, a lower stability and alpha diversity of the intestinal microbiota, an imbalance in its composition with less Bifidobacteria and Lactobacilli, a prevalence of gram-negative bacteria, especially coliforms, and increased intestinal inflammation. The two Bifidobacterium strains were selected for their ancillary properties i.e.:

- **Colonization:** they are able to colonize the intestinal microflora of children and decrease total faecal coliforms³.
- **Anti-pathogenic activities:** they have remarkable antimicrobial activity against gas-producing coliforms isolated in colicky infants^{4,5} and different strains of E. coli, including pathogenic O157:H7.
- **Anti-inflammatory activity:** they modulate the immune system exerting an anti-inflammatory activity⁶.

Bifibaby® probiotic blend has been extensively studied for its beneficial effects for gut health in babies and children, with many in vitro studies on the strains and 3 different clinical studies on infants¹⁻⁷.

Different *in vitro* studies have been performed to assess the activity and properties of BR03 and B632, demonstrating their remarkable anti-inflammatory and antimicrobial properties against different E. coli strains and Enterobacteriaceae from infants with colic.

WHY CHOOSE BABY CARE?

- Promotes intestinal flora balance.
- Vitamin D3 contributes to the normal function of the immune system and to the maintenance of normal teeth and bones in children.

INFORMATION ON COMPOSITION

Ingredients: corn oil, Bifibaby® probiotic blend (*Bifidobacterium breve* BR03, *Bifidobacterium breve* B632), Vitamin D3.

ALLERGEN-FREE CERTIFICATION

The product is certified allergen-free according to Probiotal patent, i.e. without all allergens listed in the current legislation (Annex II Reg. EU 1169/2011) which are cereals containing gluten, i.e.: wheat (including spelt and wheat khorasan), rye, barley, oats or their hybrid strains and derived products (*), crustaceans and products thereof, eggs and products thereof, fish and products thereof (*), peanuts and products thereof, soya and products thereof (*), milk and products thereof (including lactose) (*), nuts, celery and products thereof, mustard and products thereof, sesame seeds and products based on sesame seeds, sulphur dioxide and sulphites in concentrations higher than 10 mg/kg or 10 mg/litre in terms of total SO₂, lupins and products based on lupins, molluscs and products based on molluscs.

(* Excludes products listed in Annex II to Regulation (EU) 1169/2011.

INSTRUCTIONS FOR USE

Newborns from 1 month: 5 drops per day, or as directed by your doctor or pharmacist. Shake the bottle before use. Dispense the drops into a spoon suitable for the child's age or mix with cold or lukewarm food or liquids. Do not insert the dropper directly into the child's mouth. Consume within 30 days of opening. If administering to children under 3 years old, it is advisable to seek medical advice before use.

WARNINGS

Do not exceed the stated recommended daily dose. Food supplements should not be used as a substitute for a varied diet. Keep out of the reach of young children.

STORAGE CONDITIONS

The product contains live probiotic microorganisms sensitive to heat: keep the product in a cool and dry place, at a temperature between 15-25°C, away from direct light.

DISCLAIMER

This document is intended for informational purposes for consumers and healthcare professionals. Health claims for Vitamin D3 is authorised by the European Commission. Probiotic benefits refer to support of intestinal flora balance and do not constitute disease treatment claims.

PACKAGING INFORMATION

Vial of 8ml with dropper

MANUFACTURER

Manufactured by Probiotal S.p.A., Via E. Mattei 3, 28100 Novara, Italy
Distributed by LIYFE, 89 Level 0, Triq is-Siggiewi, Siggiewi SGW 2021, Malta – Europe

References:

- ¹ Giglione E. et al. The Association of Bifidobacterium breve BR03 and B632 is Effective to Prevent Colics in Bottle-fed Infants: A Pilot, Controlled, Randomized, and Double-Blind Study. J Clin Gastroenterol. 2016;50 Suppl 2, Proceedings from the 8th Probiotics, Prebiotics & New Foods for Microbiota and Human Health meeting held in Rome, Italy on September 13-15, 2015:5164-5167.
- ² Aloisio I. et al. Three-Month Feeding Integration With Bifidobacterium Strains Prevents Gastrointestinal Symptoms in Healthy Newborns. Front Nutr., May 2018 May 25, art. 39.
- ³ Mogna L. et al. Capability of the two microorganisms Bifidobacterium breve B632 and Bifidobacterium breve BR03 to colonize the intestinal microbiota of children. J Clin Gastroenterol. 2014; Suppl 1 November/ December, Vol. 48 .
- ⁴ Simone M. et al. The probiotic Bifidobacterium breve B632 inhibited the growth of Enterobacteriaceae within colicky infant microbiota cultures. Biomed Res International 1-6, 2014.
- ⁵ Aloisio I. et al. Characterization of Bifidobacterium spp. strains for the treatment of enteric disorders in newborns. Appl Microbiol Biotechnol 2012, 96:1561-1576.
- ⁶ Nicola S. et al. Interaction between probiotics and human immune cells: the prospective anti-inflammatory activity of Bifidobacterium breve BR03. AgroFOOD, 2010; 21(2):544-47.
- ⁷ Mogna L. et al. Assessment of the In Vitro Inhibitory Activity of Specific Probiotic Bacteria Against Different Escherichia coli strains. J. Clin. Gastroenterol. 2012;46 Suppl.S29-32.