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Lactobacillus plantarum 299v/Lactobacillus acidophilus/Bifidobacterium lactis Probiotic Supplement

National Cancer Institute

Source

National Cancer Institute. *Lactobacillus plantarum 299v/Lactobacillus acidophilus/Bifidobacterium lactis Probiotic Supplement*. NCI Thesaurus. Code C102759.

A powder-based, probiotic supplement drink containing the non-pathogenic microorganisms *Lactobacillus plantarum* 299v, *Lactobacillus acidophilus*, and *Bifidobacterium lactis*, with potential immunomodulating and protective activities. Upon oral ingestion, the naturally-occurring bacterial components in this dietary supplement may improve digestion and help maintain adequate colonization of the gastrointestinal (GI) tract by modulating the composition of the normal microflora. During colonization in the GI tract, the bacteria may form a protective intestinal barrier which may prevent damage to the mucosal epithelia caused by toxins and attachment of potential pathogens, thereby protecting against infections. In addition, this agent may reduce the secretion of proinflammatory cytokines and may potentiate natural and acquired immunity.