The invention refers to microbiology and may be used in obtaining the curative-prophylactic medicines used for increasing the B-group vitamins synthesis in the digestive tube.

The proposed association of microorganisms comprises two strains *Bifidobacterium longum var. animalis No.* 527 and *Lactobacillus acidophilus No.* 417, possessing a pronounced capacity of synthesis of B<sub>1</sub>, B<sub>2</sub> and B<sub>3</sub> vitamins.

The result of the invention consists in increasing the level of synthesis of B-group vitamins with the obligate microorganisms of the digestive tube.

Claims: 1