

ABSTRACT

NOVEL LACTIC ACID BACTERIA AND USE THEREOF

The present invention relates to a novel lactic acid bacterium, and more particularly, to a composition comprising *Lactobacillus reuteri* NK33 (KCCM12090P) or *Bifidobacterium adolescentis* NK98 (KCCM12297P), which is the novel lactic acid bacterium, useful in preventing and treating a neurological mental disease or an inflammatory disease.

Also, the present invention relates to a composition for diagnosing a neurological mental disease, comprising a preparation for measuring a level of an intestinal microorganism, a kit comprising the same, and a method for diagnosing the neurological mental disease, comprising a step of measuring the level of the intestinal microorganism.

Fig. 11