

BE0301

Sports Performance Strengthening probiotics



Probiotic Blend:

Bifidobacterium longum subsp. *longum* OLP-01

Lactobacillus plantarum PL-02

Lactococcus lactis LY-66

Health Solution: Help Level up Sports Performance and Improve Gut Microbiota

- ◆ Clinically proven to enhance physical endurance and fitness, and improve gut microbiota
- ◆ Specific probiotic strain naturally originates from humans
- ◆ Strain patents in Taiwan, China and USA
- ◆ Patent:
OLP01- US 16514602, TW 110105666, 108142643, CN 111821320 A
PL02+LY-66 TW 110119591(in process), CN 202110467618.9(in process)

Strain Information

- ◆ Specification: 10^{11} CFU/g
- ◆ Daily dosage: 1.5×10^{10} CFU
- ◆ Shelf life: 2 years
- ◆ Storage: $< 4^{\circ}\text{C}$
- ◆ Dosage form: functional foods and dietary supplements in forms of capsules, powdered sachets, and others

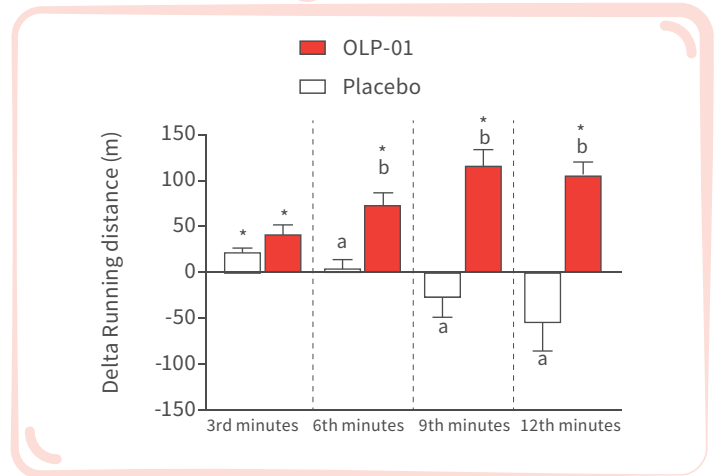
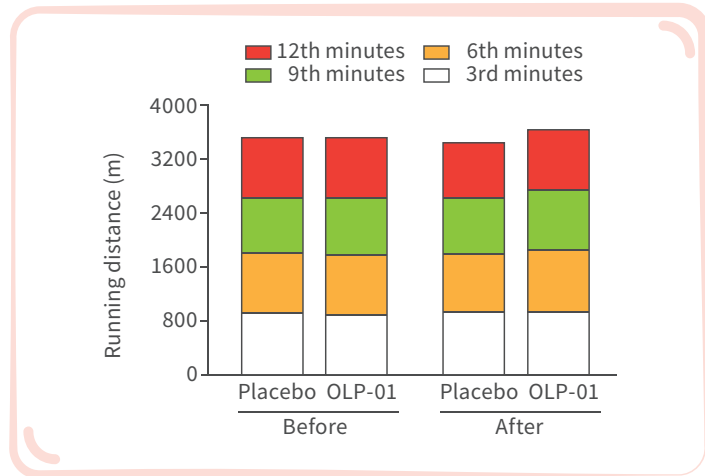
PROBIOTICS
BIOFLAG GROUP



Clinical Study on 21 well-trained middle- and long-distance runners for 5 weeks, with 10 subjects in control group (placebo) and 11 subjects in probiotics group (PRONULIFE® OLP-01) (* p < 0.05 vs. the same group before intervention; a and b indicate significant difference [p < 0.05] between groups)

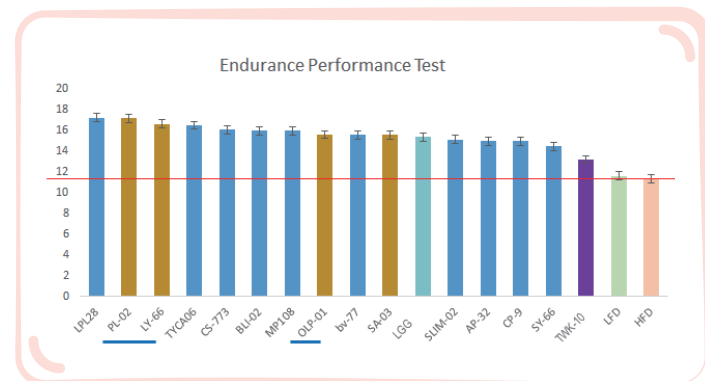
Reference: *Nutrients* 2020, 12, 1972; doi:10.3390/nu12071972

01 OLP-01 helped enhance aerobic endurance and physical fitness in the 12-min Cooper running/walking test

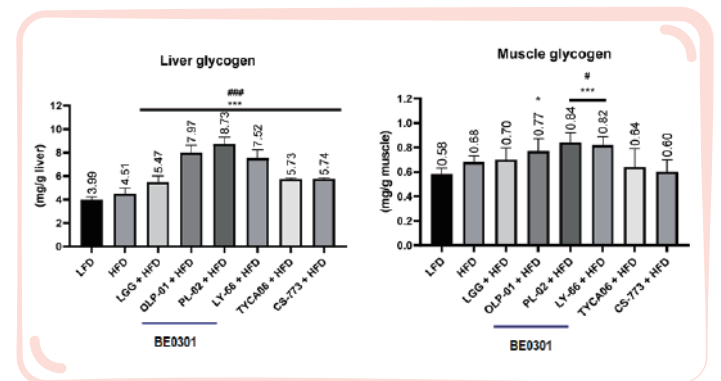


In Vivo Study on 144 mice into 18 groups (eight mice per group): a low-fat diet (LFD) control group, an HFD control group, and 16 HFD groups fed with 16 different probiotic treatments. The high-fat diet induced obesity animal. The probiotic groups received probiotic supplementation for 10 weeks.

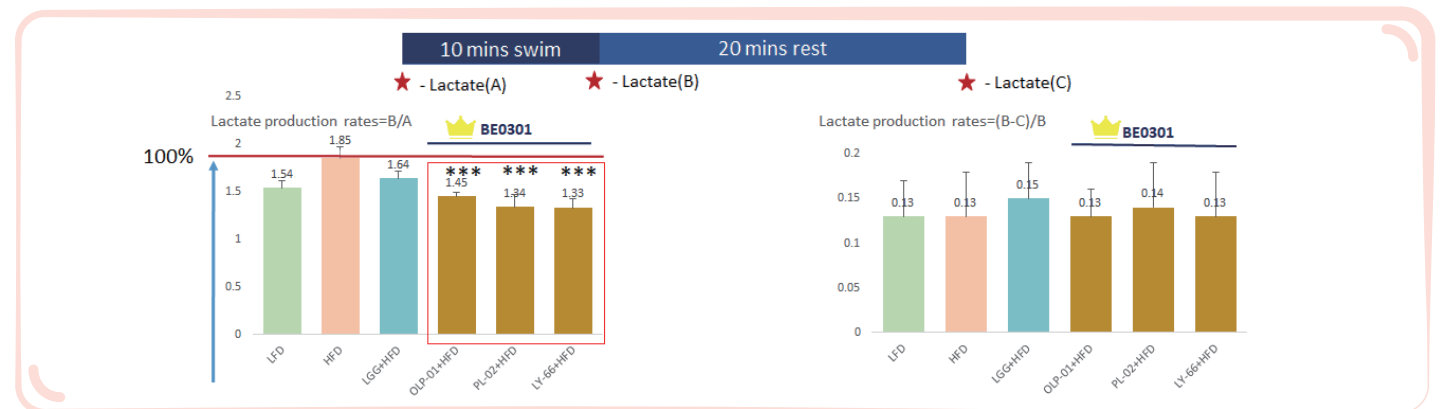
01 PRONULIFE® BE0301 probiotics group exhibited longer running endurance than the LFD or HFD control groups



02 PRONULIFE® BE0301 significantly helped increase liver and muscle glycogen levels



03 PRONULIFE® BE0301 probiotics helped reduce lactate and relieve soreness and fatigue caused by exercise.



Expert In Probiotics and Postbiotics Integrated Solution

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