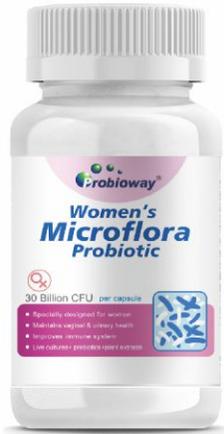


Women's Microflora Probiotic



Supplement Facts

Serving Size 1 Capsule	
Amount Per Capsule	%Daily Intake*
Probiotic Blend	30 Billion CFU +
<i>Limosilactobacillus reuteri</i> PB-LR09	
<i>Lactocaseibacillus rhamnosus</i> PB-LR76	
<i>Lactobacillus johnsonii</i> LBJ456®	
* Daily Value not established	

Other ingredients: inulin, mulberry powder, galactooligosaccharide, stachyose, dandelion extract, roselle extract, lablab semen album, microcrystalline cellulose, magnesium stearate, silica.

- ✓ Maintain vaginal and urinary tract health with probiotic strains naturally found in healthy women.
- ✓ Balance the vaginal flora with the support of probiotics
- ✓ Formulated with mulberry, dandelion, and roselle to reduce oxidative and inflammatory stress.

Directions: For best results, take one capsule per day for at least two weeks.

Consumer Study

In the consumer study, 30 women between the age 25 to 45 years were recruited to the study and asked to consume the Probiotic capsule once daily for 14 days and send the filled questionnaire. The table below demonstrated the improvement of discomfort in tested women.

Discomfort	%women who felt improvement
Dryness	73%
Bad odor	50%
Itching and irritation	66%



25 Years of expertise in probiotics

PROBIOTICS^{R&D}

RESEARCH AND DEVELOPMENT

Women's Health Probiotics



- Improve vaginal health
- Prevent urinary tract Infections
- Antioxidative and anti-inflammatory effects

The Service Creates Value

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Alibaba Shop

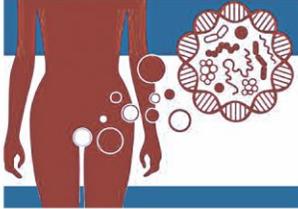


Website

Probioway Co., Ltd
Zhengzhou H&H Bioengineering Co., Ltd

Vaginal Microbiome

The vaginal microbiome is a complex ecological system including commensal, symbiotic and pathogenic organisms that inhabit the vaginal surfaces, while maintaining its own homeostasis through mutualistic relationships with the host. This habitat is normally dominated by *Lactobacillus*, but also containing a small number of fungi and parasites. However, the microbial balance can be disrupted and leads to various infectious diseases, characterized by overgrowth of anaerobic bacteria (agent of bacterial vaginitis) and *Candida albicans*.



Urinary Tract Infection

Urinary tract infections (UTIs) occur in kidneys, ureters, urethra or bladder. UTIs are one of the most common bacterial infections and can lead to other health problems. One in two women experience UTI at some point in their lifetime. Probiotics are thought to establish a barrier against infectious pathogens ascending the urinary tract, colonizing, and subsequently causing infection.

Oxidative and Inflammatory Stress

Aging is a loss of homeostasis due to a chronic oxidative stress that affects especially the regulatory systems, such as nervous, endocrine, and immune systems. The consequent activation of the immune system induces an inflammatory state that creates a vicious circle in which chronic oxidative stress and inflammation feed each other, and consequently, increases the age-related morbidity and mortality.



Proven Efficacy

Probiotic Strains

L.rhamnosus PB-LR76

Origin: The strain was isolated from healthy women's intestine
Culture Deposit Number: CCTCC M2018887

L.reuteri PB-LR09

Origin: The strain was isolated from healthy women's intestine
Culture Deposit Number: CCTCC M2018887

Improve Vaginal health

L.rhamnosus PB-LR76 and *L.reuteri* PB-LR09 inhibited the growth of *Candida albicans* and other vaginal pathogens by maintaining acidic microenvironment, producing antimicrobial compounds such as lactic acid and bacteriocins.

Pathogens	<i>P.niger</i>	<i>P.anaerobius</i>	<i>B.fragilis</i>	<i>B.melaninogenicus</i>	<i>C.albicans</i>
Antimicrobial Activity	876AU/ml	978AU/ml	1020AU/ml	858AU/ml	923AU/ml



Prevent Urinary Tract Infections

Urinary tract infections (UTIs) mainly caused by Uropathogenic Escherichia coli (UPEC), are common bacterial infections. *L.rhamnosus* PB-LR76 and *L.reuteri* PB-LR09 exhibited potent zones of inhibition against UPEC.

	Inhibition zone (mm) for UPEC strains		
Probiotics	CFT073	J96	NCTC 9001
PB-LR76	27(+++)	23(+++)	31(+++)
PB-LR09	24(+++)	20(++)	26(+++)

Inhibition zones 17-22 and >23mm were classified as strong++ and very strong+++ respectively

Antioxidative and anti-inflammatory effects

L.rhamnosus PB-LR76 and *L.reuteri* PB-LR09 could reduce oxidative stress by producing catalase(CAT) and superoxide dismutase(SOD)

	Probiotic Species			
Enzyme activity	PB-LR76+PB-LR09	<i>B.coagulans</i>	<i>B.breve</i>	<i>L.acidophilus</i>
CAT(nmol/min/mg)	0.033	0.003	0.018	0.001
SOD(%of inhibition/mg)	1380	530	980	1030



Patent

L.rhamnosus and *L.reuteri*-containing probiotic formula, preparation method and application thereof.
 (Patent No.:ZL.201910895017.0)

