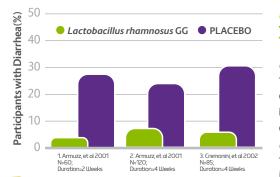
### **APPLICATION BRIEF**



# Culturelle<sup>®</sup> probiotics and antibiotic-associated diarrhea Is Culturelle<sup>®</sup> part of your routine use for patients taking antibiotics?

The majority of Culturelle<sup>®</sup> products deliver *Lactobacillus rhamnosus* GG; the most extensively studied probiotic strain since its identification in 1985<sup>†</sup>. Numerous clinical trials have shown that supplementation with *Lactobacillus rhamnosus* GG reduces the incidence and duration of side effects such as diarrhea resulting from antibiotics.\*

While essential to heal bacterial infections, antibiotics also disturb the balance of the gut microbiota. Uncomfortable side effects such as diarrhea can result from this imbalance. *Lactobacillus rhamnosus* GG reduces the incidence and duration of diarrhea resulting from antibiotics.\*





#### *Lactobacillus rhamnosus* GG Helps Reduce the Incidence of Diarrhea During Antibiotic Therapy\*

Lactobacillus rhamnosus GG improves antibiotic treatment tolerability by reducing several side effects associated with antibiotic regimens, including diarrhea. A series of three clinical trials demonstrated the efficacy of Lactobacillus rhamnosus GG (all at 12 billion CFU/d) in reducing the incidence of antibiotic-associated diarrhea (AAD) related to antibiotic cocktails prescribed to patients with *H. Pylori* infection. (Armuzzi 2001a, 2001b, Cremonini 2002) Data also supports the use of Lactobacillus rhamnosus GG for additional antibiotic-related side effects, such as nausea, taste disturbance, and bloating (data not shown).

Lactobacillus rhamnosus GG continues to be proven effective in addressing AAD. Nursing home residents are among the most vulnerable and shown to benefit from probiotics use as described by van Wietmarschen et al, *Probiotics use for antibiotic-associated diarrhea: a pragmatic participatory evaluation in nursing homes.* [van Wietmarschen 2020]

In fact, <u>researchers Zaura</u>, <u>Crielaard and team</u> have shown that one single course of antibiotics can disturb the microbiome for up to one year, and so even after concomitant use with prescribed antibiotics, it can be valuable for the patient to continue use of Culturelle<sup>®</sup> with *Lactobacillus rhamnosus* GG following antibiotic regimens to help regain a strong and resilient gut microbiome.\*

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# Culturelle<sup>®</sup> probiotics and antibiotic-associated diarrhea Is Culturelle<sup>®</sup> part of your routine use for patients taking antibiotics?



### **ORDERING INFORMATION**

LABEL NAME	UPC NUMBERS	NDC NUMBERS
Culturelle HOSPITAL, Unit Dose Capsules (10B CFUs)	0 49100 40007 5	49100-0400-07
Culturelle HOSPITAL, Unit Dose Capsules (15B CFUs)	0 49100 40077 8	49100-0400-77
Culturelle KIDS STICKS HOSPITAL Unit Dose (5B CFUs)	0 49100 40063 1	49100-0400-63
Culturelle Health & Wellness Capsules (15B CFUs)	0 49100 36374 5	49100-0363-74
Culturelle Digestive Daily Probiotic Capsules (10B CFUs)	0 49100 40009 9	49100-0400-09
Culturelle Digestive Daily Probiotic Capsules (10B CFUs)	0 49100 40012 9	49100-0400-12
Culturelle Kids Sticks (5 B CFUs)	0 49100 40008 2	49100-0400-08

<sup>1</sup>Based on the number of *Lactobacillus rhamnosus* GG studies, as of January 2021 Culturelle<sup>®</sup> is a trademark of ஜ**о***см.* 

\*THESE STATEMENTS HAVE NOT BEEN EVALUATED BY THE FOOD AND DRUG ADMINISTRATION. THIS PRODUCT IS NOT INTENDED TO DIAGNOSE, TREAT, CURE OR PREVENT ANY DISEASE.



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