

VIVOLAC

DriSet

KEFIR

PREMIUM FREEZE DRIED
LACTIC CULTURE



May 26, 2015

VIVOLAC DriSet KEFIR is a premium line of direct-set cultures for the production of kefir. These cultures contain select strains *Lactococcus lactis*, *Lactococcus cremoris*, *Lactobacillus delbrueckii* subsp. *bulgaricus*, *Lactobacillus kefir*, *Lactobacillus acidophilus*, *Leuconostoc cremoris*, *Lactobacillus casei* and *Lactobacillus caucasicus* that are concentrated and lyophilized.

This culture contains a balance of the different strains that yields a typical kefir with typical flavor and low to medium viscosity. Cultures with higher viscosity are available upon request.

DriSet KEFIR CULTURES

CULTURE SERIES	DESCRIPTION	INOCULATION RATE	INCUBATION PARAMETERS
DriSet KEFIR	Concentrated freeze-dried strains of <i>Lactococcus lactis</i> , <i>Lactococcus cremoris</i> , <i>Leuconostoc cremoris</i> , and <i>Lactobacillus</i> subsp. for use in manufacturing kefir.	500LU/500 liters	72-77°F (23-25°C) for 16-24 hours (Time may vary with application)
		1000LU/1000 liters	
		2000LU/2000 liters	

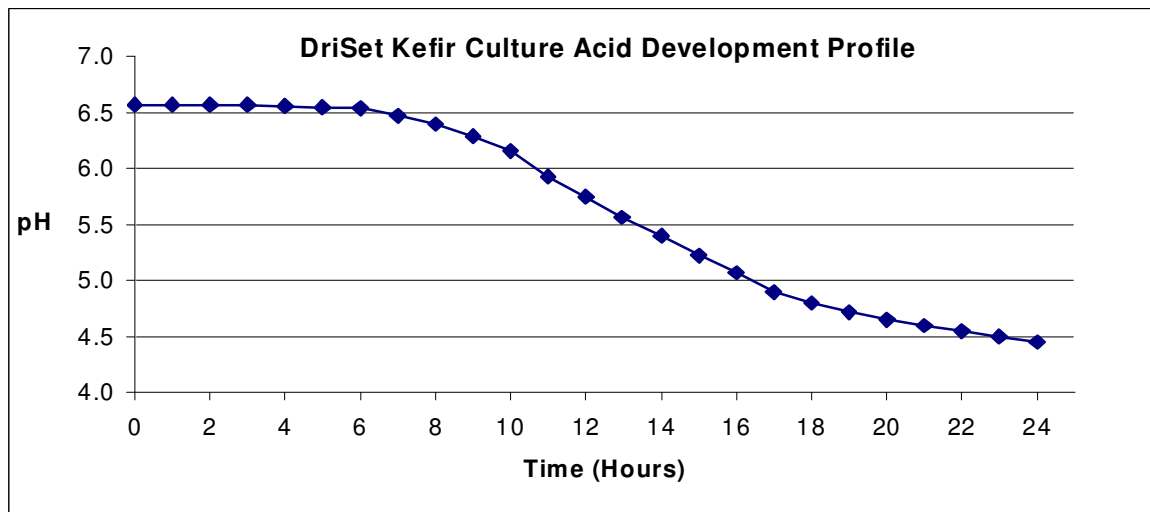
For more information about these or any other Vivolac products, contact your technical representative at 1-800-848-6522 or 1-800-VIVOLAC between 8:00 AM and 4:30PM eastern standard time.

This information, results, reports, and/or interpretation is/are believed to be accurate and offered toward a better understanding of products or services for the benefit and knowledge to other entities. Vivolac/Lyoferm does not assume any liability or risk involved in the use of its products since the conditions of use are beyond our control. Nothing contained herein shall constitute an expressed or implied guarantee or warranty with respect to Vivolac/Lyoferm products or their use. Statements concerning possible use of Vivolac/Lyoferm products are not to be construed as a recommendation for any use which would violate any patent rights, regulations or statutory restrictions. This information, results, reports, and/or interpretation is a general description or guideline of processes and procedures for application of products and are not intended to suggest, recommend or guarantee a procedure or result of processing which may vary considerably.

PRODUCT SPECIFICATIONS:

Product name:	Vivolac DriSet KEFIR	
Ingredients:	Water, Non-Fat dry milk, Lactic acid bacteria, cryo-protective agents	
Appearance:	Light brown powder	
Lactic Count:	Not less than 5.0×10^{10} CFU/gram	
Microbial Analysis:	Coliform	< 1 CFU/gram
	E. coli.	Negative
	Salmonella	Negative
	Staphylococcus (Coagulase +)	Negative
	Yeast and Mold	< 10 CFU/gram
Packaging:	FDA tamper evident foil pouches Shipped in Styrofoam containers on dry-ice	
Storage/Shelf-life:	<-20°F (-30°C) / 18 months	

Culture Activity Test:



Culture Activity Test: 74°F (23.3°C) in heat shocked reconstituted skim milk at 9% milk solids.

Inoculation Rate: Equivalent of 50 LU/50Liters

This information, results, reports, and/or interpretation is/are believed to be accurate and offered toward a better understanding of products or services for the benefit and knowledge to other entities. Vivolac/Lyoferm does not assume any liability or risk involved in the use of its products since the conditions of use are beyond our control. Nothing contained herein shall constitute an expressed or implied guarantee or warranty with respect to Vivolac/Lyoferm products or their use. Statements concerning possible use of Vivolac/Lyoferm products are not to be construed as a recommendation for any use which would violate any patent rights, regulations or statutory restrictions. This information, results, reports, and/or interpretation is a general description or guideline of processes and procedures for application of products and are not intended to suggest, recommend or guarantee a procedure or result of processing which may vary considerably.