## **Fermentation**

### Yogurt

Bacteria "digestion" of lactose Impact on lactose intolerance?

Produces lactic acid

Impact on properties?

Streptococcus salivarius – thermophilus

More active at lower acid concentration (higher pH)

Lactobacillus delbrueckii – bulgaricus

More active at higher acid concentration (lower pH)

High acetaldehyde production – green apples



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# **Yogurt properties**

Stabilizes milk for storage

Lactoglobulin (a whey protein)

#### facilitate casein networks

Similar to fat globules in whipped cream

Casein networks hold aqueous phase rather than air

#### Probiotic bacteria

Contributes to and enhances intestinal floral Aids digestion

### Read the label!



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