

Lactose Intolerance

bility to digest dairy products. But most people lose that ability as they age, becoming lactose intolerant.

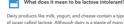
Jamie, based on your genetics, you are **not likely** to be lactose intolerant.



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Genetics and Lactose Intolerance



The severity of lactose intolerance varies from person to person – some people can drink a full glass of milk without experiencing indigestion, while other people will feel uncomfortable later just a bits of cheeses. Also, some people's personal experience does not match their genetic result. This is because other factors – including your diet, your digestive system, other genetic <u>variants</u>, and other health conditions – can impact whether you experience symptoms of lactose intolerance.

Just about everybody is born with the ability to digest lactose, and this allows babies to live and grow by drinking their mothers' milk. But a shildern grows older and begin to ast different foods, many of them lose that ability. People become lactose intellecent because their bodies stop producing lactase, the enzyme that digests lactose. The ability to continue producing lactase after rolliding of has evelved multiple times in different populations across the world, whenever a group of propede pelepreded on milk and dairy products as important sources of nutrition. Can people who are lactose intolerant eat cheese?

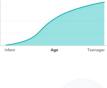
Not all cheese is created equal – some kinds of cheese contain almost no lactose! Here are a few tips for choosing ow-lactose cheeses: Check the label. Lactose is a kind of sugar. If the nutrition label says a cheese has 0 grams of sugar, then it has very little lactose (according to current FDA standards, less than half a gram per serving).

- Beware of processed products. Processed cheese products or cheese spreads often have relatively high lactose content because of lactose added during processing.
- People can blame most symptoms of lactose intolerance or the bacteria shall live in our intestines. A healthy digestive system is home to utilition of bacteria, which help to digestive the food we set. But when a person who doesn't produce lactase eat or drinks dairy products, intestinal bacteria with start digesting the lactose instead, producing gases that lead to bloating, abdorniazl pairs, and flatulence. Undigested lactose can also lead to diarrhea.

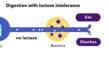
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Your DNA determines whether you can produce lactase fifer childhood, a trait known as "lactase persistence." Research suggests that ancient humans were lactose intolerant, and different spenict variant associated with actase persistence evolved at different times in different sans of the world. This report is based on a genetic varian associated with lactase persistence that evolved in Europe within the last 20,000 years.













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(?) This report does not diagnose any health conditions or provide medical advice. Consult with a healthcare profess making any major lifestyle changes or if you have any other concerns about your results.





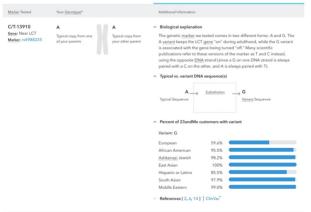


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Lactose intolerance is influenced by a genetic marker near the LCT gene.







References

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22. US FDA Nutrition Facts Label - Sugars Fact Sheet

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