

Trending Diet Hot Sheet)

Gluten Free



Exclusion of products with the protein gluten, which gives structure and elasticity to certain grains, allowing them to maintain their shape¹

Commonly followed by individuals with celiac disease or gluten-intolerance - an autoimmune condition where an immune response to gluten causes damage to the small intestine. resulting in reduced nutrient absorption²

Perceived health benefits & scientific evidence



Weight loss/gain

- Moderate evidence for weight loss in healthy individuals (independent of calorie restriction)3
- Some evidence for weight gain in celiac disease patients (due to improved nutrient absorption with small intestine healing)4



Neurological conditions

(Behavioral & seizure activity, Schizophrenia, MS, Autism)

Limited / no evidence



Digestive health

Some limited evidence in celiac disease patients only, related to healing of the small intestine 6



Chronic disease

(Risk of Cardiovascular Disease, Type 2 Diabetes)

Limited / no evidence



Rules & foods excluded

excludes any gluten-containing grains, primarily:

Wheat



Rve



Nutrition considerations

Diet quality compared to normal control diet

calorie fat (total & saturated)



vitamins & minerals

- 1. Mayo Clinic Staff. Gluten-Free Diet. Mayo Clinic. Reviewed Jun 14, 2024. Accessed Nov 21, 2024. https://www.mayoclinic.org/healthy-lifestyle/nutrition-and-healthy-eating/in-depth/gluten-free-diet/art-20048530
 2. Medline Plus. Celiac Disease. National Library of Medicine. Updated Feb 26, 2024. Accessed Nov 21, 2024. https://medlineplus.gov/celiacdisease.html
 3. Kim HS, Demyen MF, Mathew J, Kothari N, Feurdean M, Ahlawat SK. Obesity, Metabolic Syndrome, and Cardiovascular Risk in Gluten-Free Followers Without Celiac Disease in the United States: Results from the National Health and Nutrition Examination Survey 2009-2014. Dig Dis Sci. 2017;62(9):2440-2448. doi:10.1007/s10620-017-4583-14.
- 4. Cheng J, Brar PS, Lee AR, Green PH. Body mass index in celiac disease: beneficial effect of a gluten-free diet. J Clin Gastroenterol. 2010;44(4):267-271. doi:10.1097/MCG.0b013e3181b7ed58
- 5.Barone M, Della Valle N, Rosania R, et al. A comparison of the nutritional status between adult celiac patients on a long-term, strictly gluten-free diet and healthy subjects. Eur J Clin Nutr. 2016;70(1):23-27. doi:10.1038/ejcn.2015.114 6.Academy of Nutrition and Dietetics. Celiac Disease (CD) Guideline (2021). Evidence Analysis Library. Updated 2021. Accessed Nov 21, 2024. https://www.andeal.org/topic.cfm?menu=5279&cat=5988

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