

SPECIAL DIET ISSUES

Gluten-Free Diets



GLUTEN-FREE DIET FOR CELIAC DISEASE

Gluten-free diets are necessary for individuals who are unable to digest a protein called gluten found in wheat, rye, barley, and possibly oats. Gluten intolerance—or inability to digest gluten—is commonly referred to as celiac disease, or gluten-sensitive enteropathy. Individuals who have gluten intolerance suffer damage to their intestines when they eat foods that contain gluten.

SYMPTOMS

People with celiac disease have a broad range of symptoms.

Common symptoms can include:

DIARRHEA, WEIGHT LOSS, STEATORRHEA (FATTY STOOLS), BLOATING, CONSTIPATION, AND MALNUTRITION.

Bone and muscle pain, lethargy, neuropathy, depression, and behavioral problems can also be symptoms of celiac disease. Due to the variability of symptoms, an individual with celiac disease is often misdiagnosed for years before getting the proper diagnosis and treatment. Currently, the only treatment for an individual with celiac disease is strict adherence to a gluten-free diet. It is estimated that one in 133 Americans have sensitivities to gluten.

SOURCES OF GLUTEN

Strict adherence to a gluten-free diet is difficult. All foods that contain wheat, rye and barley gluten must be avoided. Pizza, bread, bagels, pasta, some breakfast cereals, noodles and bread crumbs are only some examples of foods that contain gluten. Gluten is a common “hidden” food ingredient in many commercial food products including condiments, sauces, luncheon meats, soups, beverages, and snack foods. Foods that don’t contain gluten may be produced in a food plant that manufactures gluten-containing food products. Therefore, the possibility of cross-contamination is high. It is essential that an individual with celiac disease carefully read and understand food labels, ask how food is prepared when eating out, and familiarize him or herself with food additives that are made from gluten.

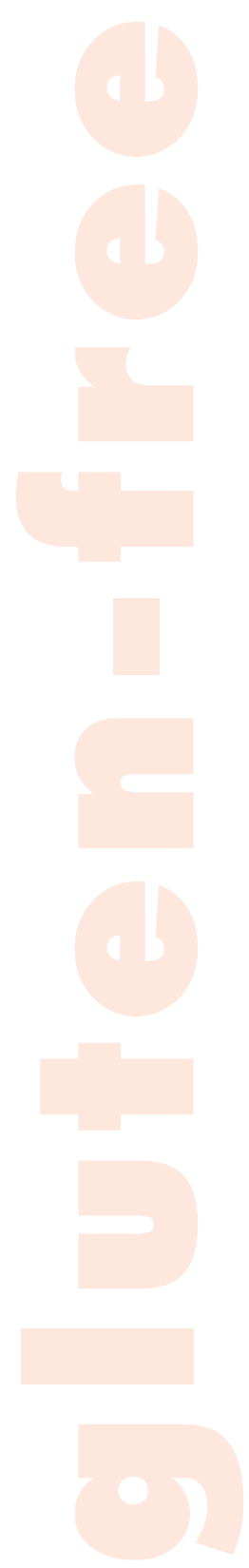
MAJOR SOURCES OF GLUTEN**

- Barley • Bran • Couscous • Flour (wheat) • Kamut • Malt • Matzo • Pasta
- Rye • Seitan • Semolina • Soy Sauce • Spelt • Sprouted wheat or barley
- Teriyaki Sauce • Triticale • Udon • Wheat

HIDDEN SOURCES OF GLUTEN**

- Beer • Brewer’s yeast • Coloring • Fillers • Flavorings • Graham flour • Hydrolyzed plant protein • Hydrolyzed vegetable protein • Mono- and diglycerides • Monosodium glutamate • Spices • Textured vegetable protein

** For a more comprehensive list of gluten-containing foods visit www.celiac.com.



FOOD PREPARATION TIPS FOR CUSTOMERS ON GLUTEN-FREE DIETS

There are a number of gluten-free foods that can be purchased through food suppliers (such as *United Natural Foods*), and at local grocery stores. These products can be used in place of their gluten-containing counterparts in many recipes. In addition keep the following tips in mind when preparing special diets:

- Read labels carefully.
- Prepare gluten-free meals with clean pans and utensils, and in areas that are separate from major food production.
- Prepare modified meals to order and avoid the possibility of cross-contamination.
- Identify a core team of foodservice personnel in each dining location to work with students who have specialized diets.
- Educate all members of the foodservice team, including management, about the common food intolerances and their symptoms.
- Post lists of ingredients that contain gluten in all food preparation areas.
- Never assume that a product is gluten-free. When in doubt, avoid using it.

GLUTEN-FREE MENU IDEAS:

Roasted or Grilled

(Beef, Chicken, Fish, Shrimp, Surimi, Vegetables, Tofu)

Stir Fry Entrée

(Beef, Chicken, Fish, Shrimp, Surimi, Vegetables, Tofu)

Pasta Entrée

(with Rice Noodles, or Gluten-Free Noodles)

Burrito, Roll-up, Taco, Quesadilla

(with Corn Tortilla)

Main Dish Salad

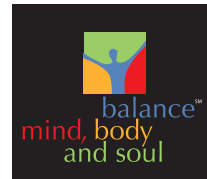
(Chef, Chicken, Shrimp, Tofu, Legumes)

Breakfast items

(Eggs, Omelets, Gluten-Free Pancakes and Waffles, Breakfast Sandwiches on Gluten-Free Bagels or Bread)

gluten-free

COMMONLY ASKED QUESTIONS & ANSWERS ABOUT GLUTEN-FREE DIETS



Q. HOW DO I KNOW IF A PRODUCT IS GLUTEN-FREE?

A. You need to be a careful detective by reading food labels and by becoming familiar with ingredients that are tip-offs to gluten. If you have any doubts about a product, call the food manufacturer and speak with a company representative. Most food companies have toll-free numbers and are used to taking calls from customers.

Q. WILL A GLUTEN-FREE PRODUCT ALWAYS BE MARKED "GLUTEN-FREE"?

A. No, most food labels are not marked as being gluten-free. It is very important to be well-educated on what food ingredients contain gluten. For example, the word "flavorings" is vague and could indicate that some or all of the flavors used in the production of a product contain gluten.

Q. DOES THE PHRASE "WHEAT-FREE" MEAN THE SAME AS "GLUTEN-FREE"?

A. No, they are not synonymous. There are some individuals who need to follow a wheat-free diet due to allergies to wheat, but they can tolerate gluten. As mentioned previously, gluten is found in many food products and a food label that is marked as wheat-free is not necessarily free of gluten.

WHERE CAN I FIND GLUTEN-FREE FOODS?

There are a number of food companies that specialize in products for individuals with food allergies and medical conditions that require modified diets. The following is a list of companies that produce gluten-free foods. Many of these companies sell their products through United Natural Foods, which is a Sodexo-approved purveyor.

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| • United Natural Foods, Inc. | www.unfi.com | 800-877-8898 |
| • The Gluten-Free Pantry | www.glutenfree.com | 800-291-8386 |
| • Miss Roben's | www.allergygrocer.com | 800-891-0083 |
| • Pamela's Products | www.pamelasproducts.com | 707-462- 6605 |
| • Ener-G Foods, Inc. | www.ener-g.com | 800-331-5222 |
| • Gluten-Free Pantry | www.glutenfree.com | 800-633-3826 |

FOR MORE INFORMATION ON CELIAC DISEASE PLEASE CONTACT:

Celiac Sprue Association
P.O. Box 31700
Omaha, NE
402-558-0600
www.csaceliacs.org

Celiac Disease Foundation
13251 Ventura Blvd., Suite 1
Studio City, CA 91604
818-990-2354
www.celiac.org

Gluten Intolerance Group
15110 10th Ave., S.W. Ste. A
Seattle, WA
206-246-6652
www.gluten.net

