

The oat mystery – Are they gluten free?

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[Romer Labs](#) is a leading global supplier of diagnostic kits for, among other things, the detection of various mycotoxins, allergens and pathogens. Our most recent success has been in developing a new test for multiple mycotoxins that uses only water as a solvent.

In recent years, we have also developed a gluten detection kit that uses the monoclonal antibody G12¹. This antibody **targets the 33-amino acid fragment** in wheat gluten that triggers the auto-immune reaction in celiac patients. There have been many questions concerning the suitability of oats for inclusion in a gluten-free diet. We conducted a preliminary study using different oat varieties to clarify this situation. The objectives of the study were 1) to find out if the AgraQuant® Gluten G12 ELISA test kit can detect gluten in pure oats, and 2) to see if there is a difference in the gluten level of different varieties. The results of the study were published in our Spotlights newsletter, vol. 25, which can be found [here](#).

¹Morón, B., *et al.* (2008) American Society for Clinical Nutrition, **87(2)**: 405-414.