Biomedal

- Biomedal presents GlutenDetect, the first home test on the market for celiac to check adherence to a Gluten Free Diet
- This kit detects the ingestion of gluten in urine and stool samples and it shows results in less than 15 minutes
- The product is the result of several I+D+i projects, which have been developed in cooperation with scientists from University of Seville and co-financed by the Madrid Celiac and Sensitive to Gluten Association, Technical Corporation of Andalusia (CTA) and Spanish Ministry of Economy, Industry and Competitiveness

Seville, June 12th. The Spanish biotechnology company Biomedal launches its new product to determine if there is any gluten intake by celiac patients. The official presentation has taken place recently, during the Free From Food Expo in Barcelona, the European health trade show for free-from, functional and vital foods industries, that closed its doors last Friday, June 9th. The kit, that reaches the market as GlutenDetect, detects gluten traces through a fast analysis in celiac patients urine and stool. With a similar technique to a pregnancy test, the reactive strip in GlutenDetect shows results in minutes.

This product is a result of different I+D+I projects developed by Biomedal in collaboration with a scientist group from the University of Seville, who have been co-financed by the Madrid Celiac and Sensitive to Gluten Association the Technical Corporation of Andalusia (CTA) and the Spanish Ministry of Economy, Industry and Competitiveness. Researches from the Virgen del Rocío Hospital and the Pediatric Institute of Seville have also participated in these investigations.

GlutenDetect utility

The main use of GlutenDetect for the celiac community is that the patient is the person in charge of verifying his/her adherence to the Gluten Free Diet, the only treatment for celiac disease. Until now, celiac patients had only serology analysis and dietary questionnaires to help them know if they had consumed gluten in their food, but these methods are not reliable: most cases have shown negative results even if they were eating gluten.

According to some recent studies, more than half of celiac patients intake gluten at least once a week being aware or unaware of it. This can produce an increase of bone fractures,

autoimmune diseases and lymphoma in long term. (Read more about the consequences of not following the Gluten Free Diet properly in the FAQs attached).

In the majority of cases, celiac patients cannot notice symptoms when they eat gluten, but these intakes make their intestine not to completely heal. In other situations, they feel symptoms similar to gluten consumption, but they are originated by other reasons. Using this test helps to control adherence and to know the reasons that produce any discomfort in people with celiac disease.

Scientific methodology national and internationally guaranteed

This new method to detect gluten is the result of research leaded by a scientist group of University of Seville and Biomedal in cooperation with scientists from the Virgen del Rocío Hospital and the Pediatric Institute of Seville that have been co-financed by the CTA. The results of their studies have been awarded with prizes, as the one given by University of Seville to the most relevant study in the health field in the last 3 years. Besides this and very relevant international magazines as the *American Journal of Gastroenterology* or *Gut*, the British Society of Gastroenterology´s official magazine, have published about this subject.
Studies about the utility of GlutenDetect have been selected for conferences in some clinical congresses in Spain and United States.

Commercialisation

GlutenDetect will be available to be purchased through Bidafarma, a Spanish pharmaceutical distributor. This test has caught the attention of gastroenterologist worldwide and Biomedal has started formalities to sell it in United States, Argentina and several European countries. The professional version of GlutenDetect –urine and stool samples to be analyzed in labs- is already available in national and international clinical laboratories, saving on intestinal biopsies and tests to determine the origin of symptoms or analytical anomalies.

GlutenDetect for home use

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Asociación de Celíacos y Sensibles al Gluten