RIDASCREEN® Gliadin Receives AOAC Official First Action Status

Codex approved test receives further certification for production of gluten free foods. First AOAC approved kit for detection at current regulatory levels.

(PRWEB) January 26, 2012 -- R-Biopharm is proud to announce the RIDASCREEN® Gliadin ELISA, for the detection and quantification of gluten in foods has been accepted by AOAC International as Official First Action method. The AOAC Official Methods Board adopted the method “Gliadin as a Measure of Gluten in Foods containing wheat, rye and barley Enzyme Immunoassay Method based on a specific monoclonal antibody to the potentially celiac toxic amino acid prolamin sequences Collaborative Study” as Official First Action and assigned it Official MethodsSM number 2012.01.

The RIDASCREEN® Gliadin uses the Codex Alimentarius recommended “R5” gliadin antibody, which is generally accepted as the standard method for the detection of gluten in foods. The method uses the unique, patented Cocktail Solution according to Mendez, ensuring a correct quantification of gliadin, also in processed foods.

“Receiving the Official Fist Action status by AOAC is a recognition of R-Biopharm’s ongoing efforts to produce the highest quality, reliable methods to ensure the safety of food and food products to protect consumers health”, said Dr. Sigrid Haas-Lauterbach, division manager food & feed diagnostics. “In particular with respect to those with celiac disease, we are pleased to enable gluten free food producers to produce according to the highest quality assurance methods”.

The use of wheat flour and gluten in foodstuffs is extremely common because of their heat stability and useful effects on texture, moisture retention and flavour. Gluten consists of two groups of proteins (prolamines and glutelins) which are present in wheat, barley, and rye. Prolamins such as gliadin have been identified as major cause for gluten intolerance (celiac disease). Celiac patients must avoid gluten in their diet.

“The RIDASCREEN® Gliadin ELISA is the most widely used method worldwide for the detection of gluten in foods” said Stella Lindeke, product manager allergens. “Together with the RIDA® QUICK Gliadin lateral flow test and the RIDASCREEN® Gliadin competitive assay we can offer a complete product range for gluten management in food production”.

R-Biopharm is dedicated to develop and produce analytical methods to ensure human and animal health. The company’s food & feed diagnostics division produces test kits for quality assurance of food and feed. Products include methods for the detection of mycotoxins, allergens, antibiotics, hormones, micro-organisms etc. The R-Biopharm products are sold worldwide through a network of subsidiaries and distributors.

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