



Eurofins Technologies Gluten R5 Detection Kits

Gluten intolerance is characterized by adverse reactions to gluten, a group of proteins found in wheat, barley and rye. People with celiac disease or gluten sensitivity need to avoid gluten containing foods that trigger symptoms.

The European Directive 2007/68/CE assures the adequate labelling of foodstuffs, stating the ingredients that cause allergies and food intolerance, including gluten.

This legislation implies a strict control by the food industry and the traceability of the food production process, from raw material to final product; identifying all food ingredients, components and additives, as well as controlling any potential cross-contamination.

In order to comply with this objective, the food industry requires adequate tools to monitor their entire process in a quick and reliable manner.

Gluten ELISA Kits

The ELISA method (Enzyme Linked Immunosorbent Assay) is based on the use of monoclonal antibodies conjugated with enzymes. This technique provides rapid results with high specificity and sensitivity and is easy to use.

Eurofins Technologies through its subsidiary Ingenasa offers a comprehensive range of gluten detection kits using the **R5 monoclonal antibody**.



The **SENSISpec INgezim Gluten R5** test method has been evaluated and approved by the AOAC Research Institute Performance Tested MethodsSM Program for use with gluten free bread, oat flour and stainless steel surfaces, and has been assigned **PTM Certification No. 052005**.

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SENSISpec INgezim Gluten R5



The **SENSISpec Ingezim Gluten R5 Test Kit** uses the R5 monoclonal antibody for specific detection of prolamin sequences from wheat, rye and barley. Research studies have shown that the R5 antibody specifically targets the component of the gluten fraction that is believed to be directly responsible for celiac disease.

With its **limit of quantification of 3.4 ppm gluten (1.7 ppm gliadin)** the SENSISpec Ingezim Gluten R5 Test Kit is one of the most sensitive test kits in the market, creating additional safety for consumers with celiac disease.

The results of the validation study confirm the adequacy of the kit to be used as a reliable tool within an allergen risk management program and a **validated assay for ISO 17025 accredited laboratories**.



Article No.	Product Name
30.GLU.K.2.	SENSISpec INgezim Gluten R5 96 wells / PTM Certificate #052005

Shelf life: 12 months (stored at 4°C)

Other gluten ELISA kits using the R5 monoclonal antibody



SENSISpec INgezim Hydrolyzed Gluten: direct immunoassay to identify and to quantify hydrolyzed prolamins

SENSISpec INgezim Gluten Quick: rapid immunoenzymatic assay for performing short incubations

Article No.	Product Name
30.GLH.K.2.	SENSISpec INgezim Hydrolyzed Gluten R5 48 wells
30.GL2.K.2.	SENSISpec INgezim Gluten R5 Quick 96 wells

Shelf life: 12 months (stored at 4°C)

Order our Gluten kits online! www.eurofins-technologies.com