



Eurofins Technologies Food Allergen Kits

Food allergens are proteins in food which can trigger allergic, sometimes even life-threatening reactions in sensitized individuals. Very low food allergen concentrations at trace levels are sufficient to cause allergic symptoms. 90% of all food allergies are caused by the following 8 foodstuffs: **milk, eggs, peanuts, fish, shellfish, tree nuts, wheat and soy.**

The EU directive 2007/68/CE obliges the food manufacturers to label their products with all ingredients potentially capable to cause allergic reactions, whilst EU Regulation 1169/2011 brings together EU rules on general food labelling (including allergens) and nutrition labelling into one piece of legislation.

Many other countries worldwide follow a similar legislation requiring food manufacturers to **label allergenic ingredients** on food product packaging.


ELISA Kits

LFDs

SENSISpec Allergen Detection ELISA Kits

Eurofins Technologies offers a full range of food allergen test kits which **reliably detect the presence of potential allergens caused by cross-contaminations.** The kits provide **accurate and fast results** and are available for all key allergens.

SENSIStrip Lateral Flow Tests

Lateral flow assays are well suited for **quick in-process sampling.** With these easy-to-use strip test, allergen proteins can be detected in food samples or by swabbing surfaces. Results are delivered in less than **15 minutes** without the need of instrumentation.

Eurofins Technologies Food Allergen Kits

Key Benefits of ELISA Kits

- Quick and sensitive method (low limits of detection)
- Validated protocols for ELISA robots
- Quantitative results, ready-to-use reagents
- High stability, accuracy and reproducibility
- Incubation at room temperature
- Minimum shelf life of 13 months

SENSISpec Allergen Detection ELISA Kits



Article no.*	ELISA kits	No. of wells	LOD (ppb)	Quantitation range
HU0030001	SENSISpec ELISA Almond	96	200	0.4 - 10 ppm
HU0030002	SENSISpec ELISA Beta-Lactoglobulin	96	1.5	10 - 400 ppb
HU0030003	SENSISpec ELISA Casein	96	40	0.2 - 6 ppm
HU0030004	SENSISpec ELISA Cashew	96	200	2 - 60 ppm
HU0030005	SENSISpec ELISA Coconut	96	400	2 - 30 ppm
HU0030006	SENSISpec ELISA Crustaceans (Tropomyosin)	96	0.9	20 - 400 ppb
HU0030007	SENSISpec ELISA Egg White	96	50	0.4 - 10 ppm
HU0030008	SENSISpec ELISA Fish (Parvalbumin)	96	1400	4 - 100 ppm
HU0030010	SENSISpec ELISA Hazelnut	96	300	1 - 40 ppm
HU0030011	SENSISpec ELISA Lupin	96	200	2 - 30 ppm
HU0030012	SENSISpec ELISA Lysozyme	96	2	25 - 250 ppb
HU0030013	SENSISpec ELISA Macadamia nut	96	100	1 - 40 ppm
HU0030014	SENSISpec ELISA Milk	96	50	0.4 - 10 ppm
HU0030015	SENSISpec ELISA Molluscs (Tropomyosin)	96	1.7	10 - 400 ppb
HU0030016	SENSISpec ELISA Mustard	96	1000	2 - 60 ppm
HU0030017	SENSISpec ELISA Ovalbumin	96	4	25 - 500 ppb
HU0030018	SENSISpec ELISA Brazil Nut	96	200	1 - 40 ppm
HU0030019	SENSISpec ELISA Peanut	96	100	1 - 40 ppm
HU0030020	SENSISpec ELISA Pecan Nut	96	200	2 - 60 ppm
HU0030021	SENSISpec ELISA Pistachio	96	130	1 - 40 ppm
HU0030022	SENSISpec ELISA Sesame	96	200	2 - 30 ppm
HU0030023	SENSISpec ELISA Soy	96	16	40 - 1000 ppb
STP-E01	NEW! Soy Protein Total ELISA Coming Soon!**	96	2000	2 - 20 ppm
HU0030024	SENSISpec ELISA Walnut	96	350	2 - 60 ppm

*All kits are available in 48 wells size

** High sensitivity for hydrolyzed samples; detects Total soy protein (not only the Soy Trypsin Inhibitor)

SENSISpec Allergen Spike Solutions

Our **SENSISpec Allergen Spiking Solutions** can be used to produce positive control samples suitable for validation of all SensiSpec Allergen ELISA kits, such as determination of recovery rate in a spike/recovery assay and matrix interference in a linearity assay. Since no international or even industry wide reference materials are available for food allergens, spike solutions provide reference samples. The procedures for spiking samples are available upon request. **SENSISpec Spike Solutions are available for all allergen ELISA Kits.**

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SENSISpec Gluten Detection ELISA Kits



Gluten intolerance is characterized by adverse reactions to gluten, a protein found in wheat, barley and rye. People with celiac disease or gluten sensitivity need to avoid foods and other products that trigger symptoms. The European Directive 2007/68/CE implies a strict control by the food industry, and the traceability of the food production process, from the raw material to the final product; identifying all the food ingredients, components and additives, as well as controlling any potential cross-contamination.

Eurofins Technologies through its subsidiary Ingenasa offers a comprehensive range of gluten detection kits using the **R5 monoclonal antibody**. Our Gluten ELISA Kits ensure **simple, economical and rapid analysis** with **high sensitivity** rates.



Eurofins Technologies Gluten Kits are under the last step of the AOAC certification process

Article no.	ELISA kits	No. of wells	LOD (ppb)	Quantitation range
30.GLU.K.2.	SENSISpec INgezim Gluten R5	96	3000	3 - 200 ppm
30.GL2.K.2.	SENSISpec INgezim Gluten Quick	96	3000	3 - 200 ppm
30.GLH.K.2.	SENSISpec INgezim Hydrolyzed Gluten	48	250	0.25 - 200 ppm
30.GSQ.K.2.	SENSISpec INgezim Gluten Semi Q	32	10000	10 - 800 ppm

Automation Solutions

We offer a broad menu of innovative, fully-automated, user friendly and compact instruments from a proprietary instrument manufacturer to simplify laboratory experience. These industry-leading instruments are the standard platforms for our ELISA-based food testing kits.

Fully-automated ELISA processing robots, with validated protocols for:



Almond



Mustard



Casein



Peanut



Egg White



Soy



Milk



β-Lactoglobulin



ThunderBolt®

2-plate ELISA Analyzer

- Intelligent Racks
- On-Board Camera
- Intuitive, Open, Flexible Software
- Built-in Reader
- High Precision Micro-Syringe



The Bolt™

1-plate ELISA Analyzer

- Intuitive User Interface
- Space Saving Device
- Low Consumable Costs
- High Precision Syringes
- Competitive Pricing

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SENSIS*Strip* Lateral Flow Tests

Article no.	ELISA kits	No. of Tests	LOD - finished product	LOD - Surface
HU0030090	SENSIS <i>Strip</i> Almond	20	1 ppm	0.2 µg/cm ²
HU0030091	SENSIS <i>Strip</i> Casein	20	20 ppm	2 µg/cm ²
HU0030092	SENSIS <i>Strip</i> Shellfish	20	1 ppm	0.2 µg/cm ²
HU0030093	SENSIS <i>Strip</i> Egg	20	1 ppm	0.2 µg/cm ²
HU0030094	SENSIS <i>Strip</i> Fish	20	1 ppm	0.2 µg/cm ²
HU0030095	SENSIS <i>Strip</i> Peanut	20	1 ppm	0.2 µg/cm ²
HU0030096	SENSIS <i>Strip</i> Soy	20	10 ppm	2 µg/cm ²
HU0030097	SENSIS <i>Strip</i> Gluten	20	2 ppm	2 µg/cm ²
30.MLK.K42	SENSIS <i>Strip</i> INgezim Total Milk Crom	25	2.5 ppm	0.125 µg/swap
30.BLG.K.42	SENSIS <i>Strip</i> INgezim BLG Crom	25	2.5 ppm	0.25 µg/swap
30.CAS.K.42.	SENSIS <i>Strip</i> INgezim Casein Crom	25	2.5 ppm	0.25 µg/swap
30.OCO.K.42.	SENSIS <i>Strip</i> INgezim Ovo Crom	25	2.5 ppm	0.125 µg/swap

SENSIS*Swab* Swabbing Kit **NEW!**



The Eurofins Technologies SENSIS*Swab* kit is a reliable support to monitor surface contamination and to verify the cleanliness of surfaces. The appropriate use of swab samples indicates the presence of allergen proteins.

The kit is specifically designed and validated for the application of SENSIS*Spec* allergen ELISA kits and SENSIS*Strip* lateral flow devices.

Article no.	Description	No. of Swabs
HU0030101	SENSIS <i>Swab</i> kit, 10 ml Swabbing solution, 5 Swabs, 5 Sample tubes	5
HU0030102	SENSIS <i>Swab</i> 10x5: multipack of 10 Swab kits	50

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