



## 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 2003/89/EC 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.

### **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.

**Lateral flow devices** are also available for fast field tests. Results in less than 15 min, easy to use in the field without lab equipment and no trained staff needed.

### **Key benefits of ELISA Kits**

- Quick and sensitive method (low limits of detection)
- Quantitative results
- Simple test format
- Comprehensive ELISA test kit portfolio

# Eurofins Technologies Food Allergen 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
HU0030024	SENSISpec ELISA Walnut	96	350	2 - 60 ppm

\*All kits are available in 48 wells size; spike solutions can be purchased for all allergens

Article no.	Gluten ELISA kits	No. of wells	LOD (ppb)	Limit of Quantification
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	0.25-250 ppm
30.GSQ.K.2.	SENSISpec INgezim Gluten Semi Q	32	10000	10-800 ppm

Article no.	Lateral flow tests	No. of tests	"LOQ (ppm) Finished product"	"LOQ (ppm) Surface"
AL061	Soy	20	10	2
AL063	Crustacea	20	1	0.2
AL065	Almond	20	1	0.2
AL066	Peanut	20	1	0.2
AL067	Fish	20	1	0.2
AL069	Gluten	20	2	2
30.BLG.K.42	Beta-Lactoglobulin	25	2,5	2,5
30.CAS.K.42	Casein	25	2,5	2,5
30.OVO.K.42	Egg (Ovalbumin)	25	2,5	2,5