



Proteon Express for allergen control

- Do you need to control the **presence of allergens in your product?**
- Do you want to **verify cleaning between productions** when **sharing production lines?**
- Are you implementing an IFS, BRC, ISO 22000 2005 quality standard?

Proteon Express allow **any operator** to verify that production is free of allergens **in just 10 minutes** and **without equipment**.

The speed and simplicity of Proteon Express tests in briefcase or kit format allow adapting the allergen analysis to the time and place you need. Besides, you can personalise and carry the tests around to perform the analysis. Having specific information will allow you to make immediate decisions between productions, detect insufficient cleanings, control critical points of contamination and ensure that your product is released to the market without risk.

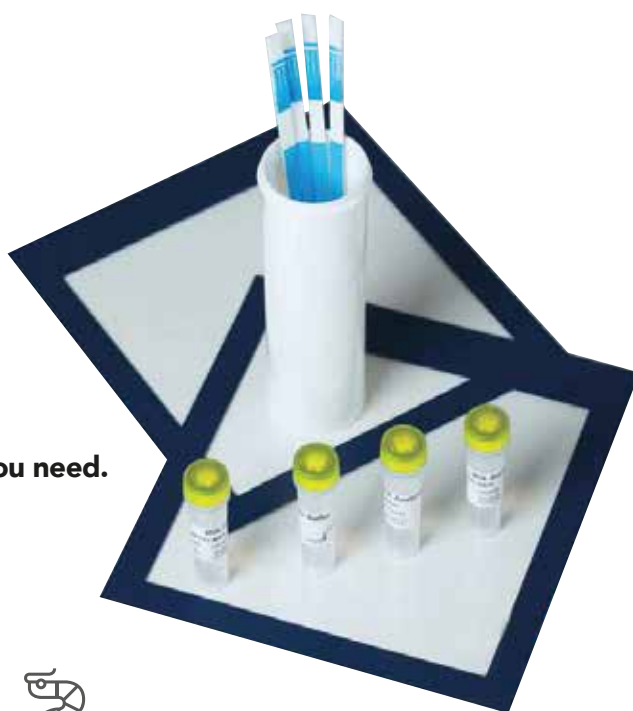
We have **Proteon Express Kits** for food, rinse waters or surfaces, and **Proteon Express SW Kits** specifically for surfaces.

QUICK:

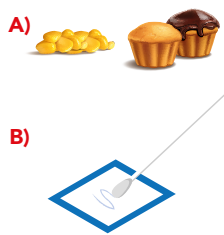
- Results in 10 min.
- One step assay.
- Visual reading result.

EASY:

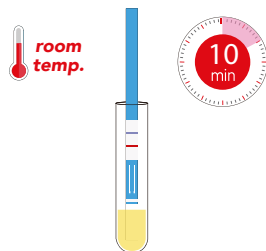
- Easy to perform by any operator.
- Without laboratory, perform the test in the place you need.
- All material included in the kit to perform the test.



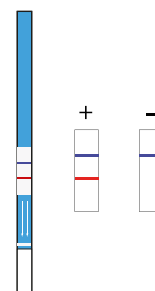
ASSAY PROCEDURE



1. Sample extraction:
Food (A) or surface (B).



2. Incubation:
Insert the strip and wait 10 min.



3. Results:
Visual reading.

TECHNICAL DATA

Allergens	Proteon Express	Proteon Express SW	Limit of detection in food	Limit of detection in surfaces	Assay time (min.)
Milk (B-lactoglobulina/Caseína)	Z-PR-LBC10	ZPR-LBC10S	0,25 y 2 ppm ⁽¹⁾	0,7 µg	10
Milk (B-lactoglobulina/Caseína)	Z-PR-LBC25		0,25 y 2 ppm ⁽¹⁾	0,7 µg	10
Egg	ZE-PR-OV10	Z-PR-OV10S	0,5 ppm ⁽²⁾	0,25 µg	10
Gluten	ZE-PR-GL10	Z-PR-GL10S	3 ppm ⁽²⁾	1 µg	10
Gluten	ZE-PR-GL25		3 ppm ⁽²⁾	1 µg	10
Crustacean	ZE-PR-CR10	Z-PR-CR10S	1 ppm ⁽²⁾	4 µg	10
Hazelnut	ZE-PR-AV10	Z-PR-AV10S	0.6 ppm ⁽²⁾	1 µg	10
Fish	ZEU-PR-P10	ZE-PR-P10S	2 ppm ⁽²⁾	0,25 µg	10
Soy	ZEU-PR-S10	ZE-PR-S10S	1,2 ppm ⁽²⁾	0,7 µg	10
Almond	ZE-PR-AL10	Z-PR-AL10S	0,7 ppm ⁽²⁾	0,9 µg	10

⁽¹⁾ Data expressed in concentration of each of the determined milk proteins. ⁽²⁾ Data expressed in total protein concentration.

MATRIX:



WORKING SURFACES



FOOD



RINSE WATER

VALIDATIONS:



Appendix M. AOAC 2012
Appendix F: AOAC 2016
SMPR 2016.002. AOAC



PROTEON EXPRESS KIT
(food, rinse water or surfaces)



PROTEON EXPRESS SWAP KIT
(surfaces)