



## Testing solutions for the confectionery industry

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*Real-Time PCR Kits |  
ELISA Kits | Instruments*



# Use our foodproof® products for the most accurate confectionery testing and faster product release!

We are proud to be a leading partner for molecular testing methods to some of the biggest players in the confectionery industry. Find the solutions you are looking for in our broad portfolio of pathogen, allergen, GMO and spoilage organism detection kits.

## Sensitive and reliable real-time PCR kits

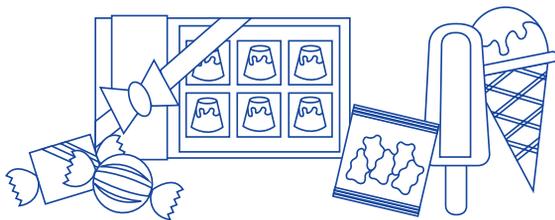
- Applicable for raw materials and finished confectionery products

### Real-time PCR foodproof® kits

<b>Bacterial pathogens</b>	<i>Salmonella</i> *, <i>E. coli</i> , <i>Listeria</i> * and others
<b>Spoilage Organisms</b>	Yeast and Mold
<b>Animal ID</b>	Bovine**, Porcine**
<b>GMO</b>	GMO Screening, Identification and Quantification

\*certified (AOAC and / or MicroVal, NordVal)

\*\*also available as multiplex



## Convenience of foodproof® Detection LyoKits

- Lyophilized, pre-filled reaction mix
- Just add your DNA sample
- Easy storage - easy transportation

## Workflow for *Salmonella* detection



\*without enrichment

**Enrichment time:** 18 h ± 2 h

**Hands-on time:** approx. 30 min / 20 samples

**Time to result:** < 24 h

## Main benefits: *Salmonella* Detection (Lyo)Kits

- **100 % Inclusivity:** > 700 *Salmonella* strains tested
- **100 % Exclusivity:** > 60 closely related microorganisms of the same habitat tested

- **Certified:**   

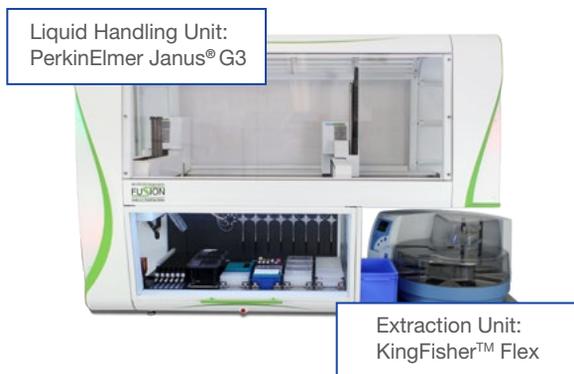
▶ We also offer real-time PCR cyclers, ELISA readers, laboratory instruments and consumables.

## Broad applicability for *Salmonella*

- **Large sample sizes possible:** Enrich up to 750 g of your product
- **Extraction protocols**
  - Available for high fat and other difficult matrices
  - Suitable for semi-automation e.g. multichannel pipettes
  - High sample throughput solutions
- **Robotic:** Automated purification is possible
- **AOAC-RI and MicroVal certificate:** Includes milk chocolate and cacao powder

## Fully automated DNA extraction

You have 20 or more samples a day and desire a revolutionary all-in-one high throughput solution for DNA extraction and PCR setup?



Watch the short movie at [bc-diagnostics.com](http://bc-diagnostics.com) and learn more about our liquid handling robot, **foodproof RoboPrep Fusion®**.

We look forward to meeting you at one of our workshops and seminars! Please register at <http://info.bc-diagnostics.com/workshops>

## Allergen monitoring

We have a real-time PCR portfolio with allergen assays and are also a global distributor of Immunolab ELISA kits for allergens. Our combination of real-time PCR and ELISA test kits helps producers to fulfill legal requirements and secure the safety and reputation of their products.

The best solution to fit your needs - the choice of method is yours!

### Real-time PCR foodproof® kits

Tree nuts	Hazelnut
Legumes and others	Soya, Gluten, Celery, Peanut

### Reference material

Allergen RM 800	Hazelnut, Peanut, Walnut, Soya, Gluten, Celery
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### Immunolab ELISA kits

Tree nuts	Hazelnut, Almond, Brazil Nut, Cashew, Macadamia, Pecan Nut, Pistachio, Walnut, Coconut
Legumes	Peanut, Soya
Milk	Milk, Casein, Beta-Lactoglobulin
Egg	Egg White, Lysozym, Ovalbumin
Spices and others	Mustard, Sesame, Gluten

### Spiking experiments

Spike Solutions	For all parameters
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### Equipment

Microplate Reader	BioTek™ 800 TS
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