



Easy, fast, reliable and cost-effective
Analytic solutions
for food industry

Immunoassay - ELISA / Rapid Test

Advantages

ELISA

- Rapid and standard methods
- Easy handling, low cost
- Reliable results
- High sensitivity
- Validated in multiple matrices
- Spike solutions available*

Rapid Test

- Results in 10 minutes
- All items needed for on-site testing, included
- Easy handling, low cost
- Reliable results
- Cut-off in compliance with current regulation**

*Allergens ELISA only / ** Mycotoxin & Gluten



Product List

Allergens

- Gluten/Gliadin
- Beta-lactoglobulin*
- Casein*
- Milk
- Egg white
- Ovalbumin*
- Lysozyme*
- Fish
- Crustacean
- Almond
- Hazelnut
- Peanut
- Walnut*
- Pistachio*
- Mustard
- Sesame*
- Soy
- Histamine

Mycotoxins

- Aflatoxin B1
- Total aflatoxin
- Aflatoxin M1*
- Ochratoxin A
- Zearalenone
- DON
- Fumonisin*
- T2/HT2*

*ELISA only



Enzymatic / Chemical

Our complete system of reagents and instruments provides information throughout all the production steps, from raw materials to end products in different matrices (juice, vegetables, dairy, meat, bakery, seafood, etc.)

Advantages

- Liquid Reagents*, stable until the expiry date
- Standards included in the kit
- Dedicated reagents
- Ready to use
- Automation on BioSystems instruments

*Except some components



Product List

- D-Glucose/D-Fructose
- Sucrose/D-Glucose/D-Fructose
- Lactose*
- Maltose*
- Starch*
- D-Lactic Acid
- L-Lactic Acid
- L-Malic Acid
- D-Gluconic Acid
- Tartaric Acid
- Pyruvic Acid
- L-Glutamic Acid
- Ascorbic Acid
- Citric Acid
- D-Isocitric Acid*
- Total Acidity (Juice)
- pH/Total Acidity (Milk)
- Iron
- Calcium
- Copper
- Potassium
- Magnesium
- Phosphate (Phosphorus)
- Sodium*
- Sulfite
- Ammonia
- Nitrate/Nitrite
- Nitrite
- Primary Amino Nitrogen
- Urea
- Protein (Milk)
- Ethanol
- Acetaldehyde
- Glycerol
- Polyphenols



*Coming soon

BioSystems Instruments

Robust, easy-to-use, highly reliable instruments for photometric analysis



Y350

Semi-Automatic Analyzer LED Technology

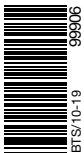
- LED range: 280, 340, 405, 420, 505, 520, 560, 620, 635, 670, 750 nm
- Preprogrammed enzymatic and chemical methods
- Validated by the R&D Department
- User friendly software
- USB port for data export
- Minimal reagent consumption
- Can be used in fieldwork
- Low maintenance
- User configurable accessories: batteries, flow-cuvettes, etc.



Y15 | Y15c

Random Access Automatic Analyzer

- 150 test/hour
- Wavelengths: 340, 405, 420, 520, 560, 600, 620, 635, 670 nm
- Preprogrammed enzymatic and chemical methods
- Validated by the R&D Department
- User-friendly software
- Minimal reagent consumption
- Innovative design
- Cooling system included (only in Y15c)



Manufactured by: **BioSystems S.A.**
Costa Brava 30, 08030 Barcelona (Spain) | Tel. (+34) 93 311 00 00
foodquality@biosystems.es | www.biosystems.es



- Certified Management System
- EN ISO 9001
- EN ISO 13485