



Eurofins Technologies Testing Solutions for the Dairy Industry

Within the dairy industry, regardless of product type, testing of raw ingredients and final products is of significant importance, both for regulatory and quality purposes. Diagnostic solutions for food pathogens, aflatoxins, allergens or veterinary drug residues doesn't need to be expensive or time consuming. Testing options include both in-house solutions or tests that can be carried out onsite to reduce both time to results and costs.

Broad range of test kits for the dairy industry

Eurofins Technologies is a fast-growing provider of diagnostic technologies in the fields of food, feed and environmental testing. We offer a broad range of product test kits to ensure food safety throughout the dairy industry value stream with a choice of testing methods including ELISA kits, lateral flow tests and PCR kits.

Dairy industry value chain and applicable Eurofins Technologies diagnostic kits



Animal Health

- Veterinary Drug Residues
- Animal Health diagnostics



Ingredients & Feed

- Mycotoxins



Production & Processing

- Allergens
- Pathogens



Distribution & consumption

- Allergens
- Pathogens

Eurofins Technologies Test Kits for the Dairy Industry



Microbiology



Milk and products derived from milk can be important sources of foodborne pathogens. *Listeria* and *Salmonella* bacteria can survive and thrive in post-pasteurization processing environments, leading to the recontamination of dairy products and presenting a potential risk to the consumer.

Our PCR and ELISA kits enable a reliable and fast detection of *Listeria* and *Salmonella* species in dairy products:

- BACGene *Listeria monocytogenes* real-time PCR kits
- BACGene *Listeria* Multiplex real-time PCR kits
- BACGene *Listeria* spp. real-time PCR kits
- BACSpec *Listeria* ELISA kits
- BACGene *Salmonella* spp. real-time PCR kits
- BACSpec *Salmonella* ELISA kits

Allergens



Reliable detection of the presence of potential allergens caused by cross-contaminations is often needed in dairy production and processing facilities. Eurofins Technologies offers a full range of food allergen test kits which provide accurate and fast results and are available for all key allergens.

For fast field tests, lateral flow devices are easy to use devices to obtain qualitative results within 15 minutes.

Key benefits of the ELISA kits

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

Key benefits of the lateral flow tests

- Results in less than 15 min
- Easy to use without laboratory equipment
- No trained staff needed

Animal health and feed



Contaminated feed may cause the presence of **aflatoxin M1** in cow milk. Due to its toxicity, the level of aflatoxin M1 in milk products is strictly regulated. The screening of milk and dairy products for **drug residues** is mandatory as well, due to the threat it represents to human health.

Regular **serological monitoring** of livestock is essential to identify and to manage infectious diseases as such outbreaks can have very serious consequences.

Our diagnostic kits provide rapid, precise and reliable solutions for:

- Aflatoxin M1 detection: ELISA kits and lateral flow assays
- Drug residues screening: ELISA kits for a wide range of antimicrobials, beta-agonists, steroids and corticosteroids
- Veterinary diagnostics: ELISA kits for viral, bacterial and parasitic pathologies of ruminants

Order our Dairy kits online! www.eurofins-technologies.com