



Testing Solutions for the Poultry Industry

Over the years, animal production has gone through significant changes in order to feed an ever expanding human population leading to the pressure of intensive poultry farming.

Consequently the animals are imposed to greater threats throughout the entire production chain due to the requirement of accelerated processing and consumption. Providing appropriate diagnostic solutions for each stage of the poultry farming and manufacturing process is crucial to protect the consumer against possible health issues.

Gold Standard Diagnostics manual and automated rapid detection and diagnostic technologies are available in the fields of Allergen, Pathogen, Mycotoxin, Glyphosate, GMO Animal Speciation, Vet. Drug Residues and Vet. Diagnostics as well as Environmental Sampling devices.

Versatile diagnostic test kits portfolio

Gold Standard Diagnostics has an extensive portfolio of diagnostic testing technology in the fields of food, feed, environmental testing and animal health with the following technology formats:

- Lateral Flow Devices
- ELISA
- Real-time PCR
- Environmental Sampling Devices

Key Benefits

- Fast turnaround time
- Accurate and reliable results
- Ease of use
- AFNOR / AOAC certified kits
- Relatively small footprint in the lab

Real-time PCR Solutions for Food Pathogen Detection and Animal Species Identification

As a reliable and sensitive method, real-time PCR is an important technique in modern food analysis and delivers substantially faster results than classical detection methods. Our BACGene real-time PCR kit portfolio has been developed specifically for the fast detection of *Salmonella*, *Listeria* and *E.coli*. Additionally, the DNAnimal kits specifically and sensitively identify different animal traits within many types of food and feed samples.

Article Number	Product Name
5123221801 96 tests	BACGene Salmonella spp.
5123222701 96 tests	BACGene E.coli 0157:H7
5123222001 96 tests	BACGene Listeria monocytogenes

Article Number	Product Name
5123222101 96 tests	BACGene Listeria spp.
5123221901 96 tests	BACGene Listeria Multiplex
5422221010 96 tests	DNAnimal Ident Chicken IPC (LR)

Environmental Sampling Devices

The environmental sampling devices by Gold Standard Diagnostics offer innovative and reliable solutions for sample collection and analysis.

Article Number	Product Name
EUR EZ.10HC-PUR	EZ Reach™ Sponge Sampler, Polyurethane, 10 mL HiCap™, Neutralizing Broth, 24 oz bag, 100/cs
EUR BLU-HC-P	PUR-Blue™ Swab Sampler with 1 mL HiCap™ Neutralizing Broth
VS-1HC/VS-10HC	Veriswab™, HiCap™ Neutralizing Broth, 1/10mL, 100/cs

Allergen ELISA and Lateral Flow Test Kits

Our SENSISpec product line of Allergen ELISA and Lateral Flow kits is available to improve and simplify in-house testing processes for quality assurance in both final product and verification of in-house cleaning processes. The SENSISpec range includes kits for the allergens listed below:

Products			
• Almond	• Egg White	• Milk	• Pecan nut
• Beta-lactoglobulin	• Fish (Parvalbumin)	• Molluscs (Tropomyosin)	• Pistachio
• Casein	• Hazelnut	• Mustard	• Sesame
• Cashew	• Lupin	• Ovalbumin	• Soy
• Coconut	• Lysozyme	• Brazil nut	• Walnut
• Crustaceans (Tropomyosin)	• Macadamia nut	• Peanut	• Gluten

Mycotoxin ELISA Test Kit

Our Celer® mycotoxin line is a harmonized platform of rapid (15-30 min assay time), easy-to-use, reliable, accurate and sensitive test kits with a common methanol-water sample preparation that enables smart and flexible organization, including for multi-mycotoxins analysis.

Product Name	Target	Product Name	Target
Celer® AFLA B1	Aflatoxin B1	Celer® FUMO	Fumonisin
Celer® AFLA	Total B and G Aflatoxins	Celer® OCHRA	Ochratoxin A
Celer® DON v3	Deoxynivalenol	Celer® T2	T2 and HT2 toxins
Celer® ZEA	Zearalenone	Celer® AFLA M1 500	Aflatoxin M1

Other Poultry Test Kits

Additional GSD test kits are available for the detection of GMOs, Veterinary Drug Residues, Veterinary Diagnostics and more.