

Seafood

Safety Solutions

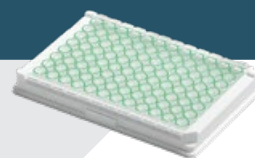




Histamine Solutions



| ELISA |



Bio-Shield Histamine



 **20min**

Ideal for food processors, canneries, government labs, exporters and manufacturers that require maximum validated accuracy and efficiency.

Product Highlights:

- ✓ AOAC PTM Certification
- ✓ One of the lowest LOQs in the market: 2.74 ppm
- ✓ No Organic Solvents: water extraction
- ✓ Up to 42 samples per plate
- ✓ No acylation step: simplified protocol

Specifications:

- LOD 1.42 mg/kg
- Quantification Range: 2.74-200 mg/kg
- Format: 48, 96 or 576 wells
- Reader: portable BYONOR Absorbance 96
- Software: Prognosis Data Reader (PDR)

NEW Bio-Shield Histamine ES

✓ Extra sensitive at 0.5 ppm



1-Standard Histamine

 **20min**

Simplified histamine determination using only 1 standard, allowing more wells for samples.

Product Highlights:

- ✓ Cost effective: only 1 analyte-free standard
- ✓ Pre-calibrated Curve: minimal setup
- ✓ Eco-friendly: water extraction
- ✓ Perfect for Routine Screening of Smaller Batches

Specifications:

- LOD 2 ppm
- Quantification Range: 2.5-200 ppm
- Format: 48 & 576
- Reader: portable BYONOR Absorbance 96
- Software: Prognosis Data Reader (PDR)

| LATERAL FLOW |

Symmetric Histamine



 **3min**



Allowing speed, portability and ease-of-use in histamine testing. Designed for on-site quantification in factories, fishing vessels and field inspections.

Product Highlights:

- ✓ AOAC PTM Certification
- ✓ No acylation or refrigeration needed
- ✓ Qualitative & Quantitative: Visual check or digital readout
- ✓ 1-Step Water Extraction
- ✓ Easily Shareable Results: android mobile app

Specifications:

- LOD 3.3 mg/kg
- Quantification Range: 9.3 - 300 mg/kg
- Format: 30
- Reader: portable 3PR mini or S-flow Reader
- Software: S-Flow

Hygiene Monitoring



ATP- FLOW Surface ATP-FLOW TOTAL Water

Fast hygiene verification (swab testing) for surfaces and water systems to prevent microbial growth and cross-contamination.

Key Benefits:

- ✓ Results in **seconds**
- ✓ Ideal for **HACCP** and **ISO** compliance
- ✓ For **surface** and **water** samples
- ✓ Helps optimize **sanitation cycles in seafood plants**
- ✓ Phos Connect Cloud: **Secure Cloud data storage**

Specifications:

- Detects extremely low ATP concentrations
LOD= 0.53 femtomoles
- Format: 25 swabs
- Reader: Phos Reader 2
- Software: Phos Connect



Allergen Solutions



Allergen Shield Series

 **30min** | ELISA |

Allergen determination with ease and speed. Fast uniform protocol allows for precise allergen quantification, ideal for lab testing of difficult food product matrices.

Key Highlights:

- ✓ **High Specificity:** monoclonal antibodies
- ✓ **Surface Swabbing Kits:** available for all allergens
- ✓ **Quantifying 22 Types of Allergens:** broad variety of matrices

Specifications:

- Format: 48 or 96 wells
- Reader: portable BYONOR Absorbance 96
- Software: Prognosis Data Reader (PDR)

Almond | Hazelnut | Peanut | Casein | Pine Nut | Macadamia | Total Milk | Egg | Pecan | Pistachio | Coconut
Sesame | Gluten | Cashew | Mustard | Brazil nut | Lupin | Soy | Walnut | BLG | Crustaceans | Fish



Allergen Free Series

 **5min** | LATERAL FLOW |

On-site allergen determination in a cassette format. A single green extraction provides both quantitative and qualitative results for 21 different allergens

Key Highlights:

- ✓ **1 Green Extraction & Protocol:** for all allergens
- ✓ For **Food Products**, CIP Solutions and **Working Surfaces**
- ✓ **Hook Line:** eliminates false negatives
- ✓ **Easily Shareable Results:** android mobile app

Specifications:

- Format: 10 or 30 cassettes
- Reader: portable 3PR mini or S-flow Reader
- Software: S-Flow

Almond | Hazelnut | Peanut | Casein | Macadamia | Total Milk | Egg | Pecan | Pistachio | Sesame | Gluten
Cashew | Mustard | Brazil nut | Lupin | Soy | Walnut | BLG | Crustaceans | Multi-Tree Nuts | Coconut | Fish