Food pathogens Detection
By Real-Time PCR

Benefit from ADIAFOOD® technology!

Release your products within 24 hours!
2h30 after enrichment

Ready-to-use, robust and automated
Immediate implementation

Flexible analysis throughput
1 to 88 samples per run

BIOMEDICA
www.biomedica.co.at

AES CHEMUNEX
The Rapid Microbiology Company

Rapid
Simple
Reliable
### ADIAFOOD® Kits

#### Protocol

- **Rapid**

#### Analysis

- **Enrichment**
  - *Listeria monocytogenes*: 18h
  - *Listeria spp*.: 18h
  - *Salmonella*.: 18h
  - *E. coli O157* and *O157:H7*: 18h
  - *Salmonella & E. coli O157:H7 in raw meat*: 8h

- **PCR**: < 2h30

- **Detection**: < 24h

> Also available: *Campylobacter* (detection and quantification) and *Staphylococcus aureus* kits

#### Easy 3 step method

- Simple and automated extraction (96 well microplate)
- Need few handling: the thermocycler manages DNA extraction, PCR amplification and results analysis

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Adiagene and AES CHEMUNEX Canada, well known experts in microbiology, have developed kits specially designed to suit food industry needs. Specializing in industrial microbiology for more than 25 years, AES Laboratoire group offers a real-time PCR solution for food pathogens detection, and also provides a comprehensive range of services (training, support and consulting).
ADIAFOOD® technology

Results reliability
- ADIAFOOD® technology uses 2 specificity levels (specific probes and primers) for an accurate identification of the tested pathogen, avoiding false positive results
- Amplification internal control is included (duplex kits) to avoid false negative results
- Controls included

Analysis throughput
ADIAFOOD® kits suit to your analysis throughput with 2 formats:
> Microplates: ideal for a high number of tests
  ≈ up to 88 samples per plate
> Flexiwell: adapt your run to your analysis (numbers of samples and tested pathogens)
  ≈ 8 samples per flexiwell

Open platform
The Stratagene thermocycler is an opened platform that can be used with other PCR kits (ex: Legionella ADIACONTROL® kits)

Automated results interpretation via Sentinel® software
> Follow-up of each analysis step
> Data management tool
> Analysis certificate delivered per microplate or per sample
> LIMS connexion

Several pathogens can be tested on the same microplate!
Benefit from a tailor-made PCR solution!

- Training: ADIAGENE and AES CHEMUNEX are registered as official training facilities
- Support in laboratory organisation (flow management, drafting plans...)
- Hotline

Expertise in molecular biology

Legionella

*ADIACONTROL®*

Food pathogens

*ADIAFOOD®*

Veterinary pathogens

*ADIAVET®*