TRANSIA® PLATE

**Salmonella** GOLD

**Accurate and Reliable**
- Effectively targets the broad spectrum of *Salmonella* serotypes through LPS detection
- Internal controls (positive and negative controls) with each run to verify accurate results

**Multi-Test Format**
- Reduce waste – breakaway format lets you use exactly the number of wells needed
- Convenient 96 test or 960 test kits for scale-up flexibility on high and low volume days
- Reduce labor – each kit has ready-to-use liquid reagents

**Increase Efficiency with Automation**
- Save analyst time – automatically pipette, wash, incubate and read
- Continuous loading of samples accommodates lab workflow
- Run multiple assays at once with 2-plate and 4-plate systems (93 samples per plate)

**Fast Results**
- Results in 24 hours with TAG 24 supplement
- Universal protocol for all samples streamlines lab work
- Simplified two-step enrichment saves time

BioControl offers a complete line of EIA kits for pathogen, allergen and chemical residue detection:
- *E.coli O157:H7*
- *Listeria spp.*
- *Listeria monocytogenes*
- *Salmonella*
- *Staphylococcal enterotoxins*
- *Aflatoxins*
- *Chloramphenicol*
- *Gluten*
- And more! Visit [www.biocontrolsys.com](http://www.biocontrolsys.com) for more information

**Results in 24 hours!**

**Ordering Information:**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Tests</th>
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<td>SA0180</td>
<td>96 Tests</td>
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<tr>
<td>SA0190</td>
<td>960 Tests</td>
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<tr>
<td>AK0180</td>
<td>TAG 24 Supplement</td>
<td>96 Tests</td>
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<tr>
<td>AK0190</td>
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</tbody>
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**BioControl**

www.biocontrolsys.com

**NSF Quality System Registered to:**
ISO 9001, ISO 13485

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TRANSIA® PLATE
Listeria

Result after 15 minutes
Easy-to-use
Offers flexibility
Highly-specific antibodies
Tougher regulatory standards and the increased reporting of food contamination have awakened the food industry to the need to place greater emphasis on safety, shelf life and cleanliness. To prevent *Listeria* infections, many countries have imposed strict tolerance levels for *Listeria* in food products. The conventional ISO method and other official methods used involve a number of steps and require 3 to 7 days to obtain results.

**TRANSIA PLATE LISTERIA**

The TRANSIA method offers a level of sensitivity equal to the ISO method, but makes the detection more rapid and reproducible. TRANSIA PLATE Listeria is based on a sandwich immunoenzymatic reaction using a mixture of antibodies to ensure detection of all *Listeria* species and serotypes present in the sample.

**TEST MATRICES**

- Meat, poultry, fish, eggs, dairy and other food products
- Feed
- Environmental samples

**TECHNICAL ADVANTAGES**

- Highly-specific antibodies
- Simple 3-step ELISA
- Ready-to-use reagents
- Flexible format with divisible strips
- Long shelf life

**FINANCIAL ADVANTAGES**

Takes 1-2 days less to perform and requires less labour time per test compared with conventional culture methods.

**SPECIAL APPLICATIONS**

Automated test procedure using the TRANSIA Elisamatic II or T4U, with walk-away comfort.

**VALIDATED PERFORMANCE**

- AFNOR
- NordVal

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**Listeria**

*Listeria* is a bacterial genus including six Gram-positive species: *L. monocytogenes, L. ivanovii, L. innocua, L. welshimeri, L. seeligeri* and *L. grayi*. However, only *L. monocytogenes* is a human pathogen. They are widely present in the environment, in the soil, and on plants and animals. Unlike many other foodborne pathogens, *Listeria* has unique growth capabilities even at low temperatures. Therefore it is not surprising that listeriosis (the *Listeria* infection) is usually associated with ingestion of milk, cheese, deli meat or vegetable products that have been held at refrigeration temperatures for a long period of time. This serious infection affects primarily pregnant women, newborns, and adults with weakened immune defence and has the highest fatality rate among all foodborne pathogens.

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**ORDERING INFORMATION:**

LI0691, TRANSIA PLATE Listeria,
1 plate, divisible strips

L10685, TRANSIA PLATE Listeria,
10 plates, divisible strips

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TRANSIA® PLATE
Listeria monocytogenes

No cross-reactions
47 h total method time
As sensitive as the ISO method
Easy, robust assay procedure
Tougher regulatory standards and the increased reporting of food contamination have awakened the food industry to the need to place greater emphasis on safety, shelf life and cleanliness. To prevent *Listeria* infections, many countries have imposed strict tolerance levels for *Listeria monocytogenes* in food products. The conventional ISO method and other official methods used involve a number of steps and require 3 to 7 days to obtain results.

**TRANSIA PLATE LISTERIA MONOCYTGENES**

The TRANSIA PLATE Listeria monocytogenes test is a fast, reliable screening method for the detection of *L. monocytogenes* in food. The TRANSIA test offers a level of sensitivity equal to the standard method but makes detection more rapid with results available in 47 hours. TRANSIA PLATE Listeria monocytogenes is based on a three-step, sandwich-type, immunoenzymatic reaction. The solid support of the reaction is a microtitre plate coated with antibodies specific for the extracellular P60 protein excreted by *Listeria monocytogenes*.

**FINANCIAL ADVANTAGES**

- TRANSIA PLATE Listeria monocytogenes requires less labour time per test compared with conventional culture methods and minimises the need for confirmation.
- 47 h total method time

**ENVIRONMENTAL ADVANTAGES**

- Minimal consumption of plastics
- Lower waste volumes

**SPECIAL APPLICATIONS**

Automated test procedure using the TRANSIA Elisamatic II or T4U system with walk-away comfort.

**PUBLICATIONS**


**TEST MATRICES**

- Seafood
- Vegetables
- Dairy
- Meat products

**TECHNICAL ADVANTAGES**

- No cross-reactions with other *Listeria* species
- As sensitive as the ISO method
- Easy, robust assay procedure
- Ready-to-use reagents
- Long shelf life
- Single and multiple testing

**ORDERING INFORMATION:**

LI0600, TRANSIA PLATE Listeria monocytogenes, 1 plate, divisible strips

**Listeria**

*Listeria* is a bacterial genus including six Gram-positive species: *L. monocytogenes*, *L. ivanovii*, *L. innocua*, *L. welshimeri*, *L. seeligeri* and *L. grayi*. However, only *L. monocytogenes* is a human pathogen. They are widely present in the environment, in the soil, and on plants and animals. Unlike many other foodborne pathogens, *Listeria* has unique growth capabilities even at low refrigeration temperatures. Therefore it is not surprising that listeriosis (the *Listeria* infection) is usually associated with ingestion of milk, cheese, deli meat or vegetable products that have been held at refrigeration temperatures for a long period of time. This serious infection affects primarily pregnant women, newborns, and adults with weakened immune defence and has the highest fatality rate among all foodborne pathogens.