

# LISTERIA GOAT TEST



Listeriosis, caused by the bacterium *Listeria monocytogenes*, is a severe nervous disease primarily affecting domestic ruminants and is associated with a high case fatality rate. The major virulence factor, Listeriolysin O (LLO), is known to induce a strong humoral response (IgG) during infection, even when animals are infected with subclinical doses.

The Listeria goat test is an Enzyme-linked Immunosorbent Assay (ELISA) intended for the detection of IgG anti-*Listeria monocytogenes* antibodies in goat serum.

This assay is designed for the diagnosis of abortive listeriosis infection. It also serves as an ancillary test in conjunction with other methods for serological prevalence surveys, or for the diagnosis and management of *L. monocytogenes* infection within herds.

## Product highlights

### SPECIFIC

Detection of anti-Listeriolysin O (LLO) IgG antibodies

### RELIABLE & REPRODUCIBLE

Clear, consistent results independent of operator technique

### FAST & CONVENIENT

High sample throughput with results in less than 3 hours

## Intended use



Detection of IgG antibodies against *Listeria monocytogenes* in goat serum

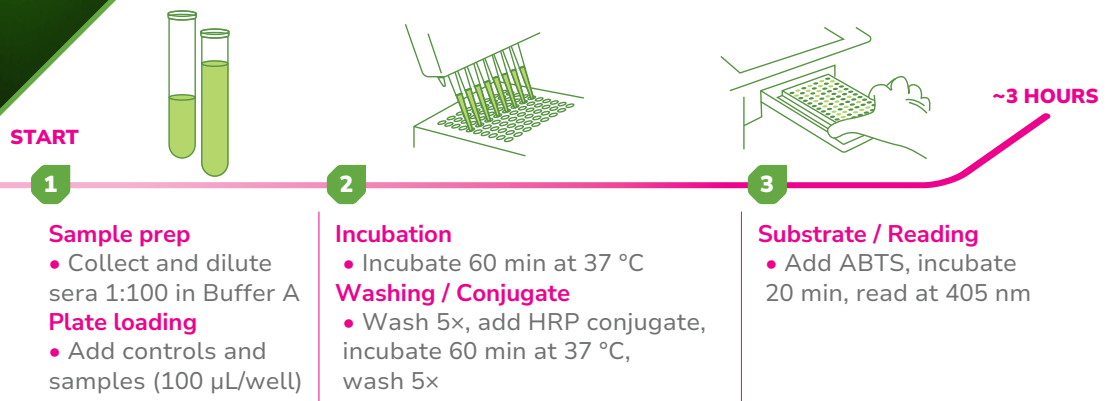


Serological diagnosis of abortive listeriosis infections



Herd-level screening and monitoring of *Listeria* exposure

## Workflow



**Total analysis time: ~3 hours**

## Product Features

### CONFIDENCE

Clear and reproducible results, independent of operator technique or interpretation

### EASE OF USE

Minimal hands-on time

### SPEED

High capacity load in less than 3 hours

### CONVENIENCE

All reagents and solutions are included and ready to use

## Technical specifications

<b>TEST METHOD</b>	Enzyme-Linked Immunosorbent Assay (ELISA)
<b>FORMAT</b>	96 tests
<b>STORAGE TEMPERATURE</b>	+2 to +8 °C
<b>SPECIES SAMPLE</b>	Goat
<b>SAMPLE TYPE</b>	Serum
<b>ASSAY TURNAROUND TIME</b>	< 3 hours

## ORDERING INFORMATION

### LISTERIA GOAT ELISA TEST

CODE	SIZE
AKE0005	1 PLATE/96 TESTS

For more information or to place an order, contact us at [info@diatheva.com](mailto:info@diatheva.com)