

# SALMONELLA ABORTUSOVIS TEST



Infection with **Salmonella enterica serovar Abortusovis (SAO)** represents a serious, silent threat to the health and productivity of sheep farms. This pathogen is endemic in several European and Asian regions, where it causes significant economic losses primarily due to the high rate of abortions in infected flocks.

S. Abortusovis is a disease notifiable to the World Organisation for Animal Health (WOAH) and is included in regulations defining the sanitary conditions for sheep trade and movement in several countries. This underscores the importance of proactive monitoring to prevent its introduction and spread, especially during animal trade.

## Product highlights

**INCLUDED IN THE REGISTER OF  
DIAGNOSTIC KITS CERTIFIED BY WOAH**



World Organisation  
for Animal Health

### EXTENSIVE VALIDATION

Verified on thousands of samples, several laboratories, operators and instruments (for more details see available Validation Study Abstract)

**THE WORLD'S ONLY SAO KIT**

## Intended use



Demonstrate historical freedom from infection in a defined population



Understand the prevalence and risk of S. Abortusovis infection at a herd management level

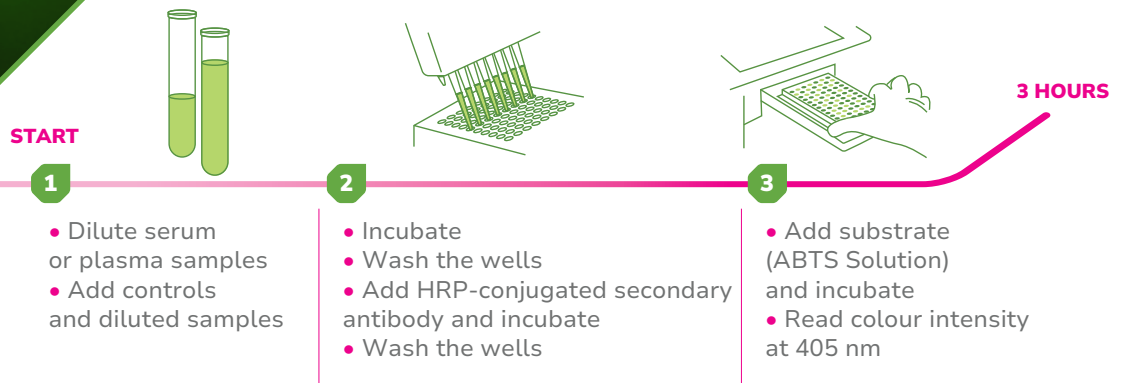


Check the immunity response to S. Abortusovis vaccination



Supplemental test to confirm the diagnosis of S. Abortusovis infections, in conjunction with culture method

## Workflow



## Product features

### HIGH SPECIFICITY

Ensures accurate identification of the target pathogen or antibodies, minimizing false positives

### HIGH SENSITIVITY

Detects even low levels of the analyte, crucial for early detection and identifying potential carriers

### RELIABLE PERFORMANCE

Consistent and reproducible results across different batches and users

### USER-FRIENDLY PROTOCOL

Simple and straightforward procedure, minimizing training requirements

### COMPATIBILITY WITH STANDARD LABORATORY EQUIPMENT

Integrates easily into existing laboratory workflows

### INCLUDED POSITIVE AND NEGATIVE CONTROLS

Ensures the validity and accuracy of each test run

### HIGH-QUALITY REAGENTS

Manufactured to stringent quality standards for optimal performance

## Technical specifications

<b>TEST METHOD</b>	Indirect ELISA
<b>FORMAT</b>	96 well plate (12x8 well strip)
<b>STORAGE TEMPERATURE</b>	+2/8°C
<b>SPECIES SAMPLE</b>	Sheep
<b>SAMPLE TYPE</b>	Serum
<b>ASSAY TURNAROUND TIME</b>	Less than 3 hours

## Diagnostic sensitivity & specificity

PURPOSE DESCRIPTION	DIAGNOSTIC SENSITIVITY	DIAGNOSTIC SPECIFICITY
<b>PURPOSE 1</b> Historical freedom	<b>97.89%</b> (92.60% - 99.74%)	<b>98.50%</b> (95.68% - 99.69%)
<b>PURPOSE 2</b> Confirmatory diagnosis of suspect of clinical cases	<b>98.95%</b> (94.27% - 99.97%)	<b>97.00%</b> (91.448% - 99.38%)
<b>PURPOSE 3</b> Determination of immune status in individuals or populations post vaccination	<b>100.00%</b> (96.11% - 100.00%)	<b>100.00%</b> (96.38% - 100.00%)

## ORDERING INFORMATION

### SALMONELLA ABORTUSOVIS TEST

CODE	SIZE
AKE0016-1P	1 PLATE/96 TESTS
AKE0016-5P	5 PLATES/480 TESTS
AKE0016-50P	50 PLATES/4800 TESTS

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