



SVANOVIR® *Brucella*-Ab I-ELISA o/c

The cost-effective way to detect *Brucella melitensis* in small ruminants

SUMMARY | SVANOVIR® *Brucella*-Ab I-ELISA o/c is a highly sensitive assay designed to detect *Brucella melitensis* in serum and plasma samples of small ruminants. The test is continuously in use to screen several populations of small ruminants worldwide.



YOUR CHALLENGE is brucellosis in small ruminants

Brucella is a gram-negative bacteria that infects a variety of animals, including humans (zoonotic disease). Species of major importance in sheep and goats are *B. abortus* and *B. melitensis*. Infection can lead to economic loss for farmers because it causes abortion and impaired fertility.

YOUR GOAL is to not miss a single animal that is infected with *Brucella*

Prevention of human brucellosis depends predominantly on controlling the disease in animals, maintaining a high level of hygiene and sanitation of food products. Control programmes aim to detect and eliminate infected animals, and protect the remaining stock. Tests with high sensitivity are essential to the eradication of brucellosis in herds of small ruminants.

Detects antibodies to major species of *Brucella* in sheep and goats – *B. melitensis* and *B. abortus*

Highly sensitive assay that prevents false negative results

ASSAY OVERVIEW



SVANOVIR® *Brucella*-Ab I-ELISA o/c

Species	Ovine, caprine		
Samples	Serum and plasma		
Type	Indirect ELISA, captures antibodies to <i>B. abortus</i> and <i>B. melitensis</i>		
Article number	Samples*	Plates	Format
10-8200-02	184	2	Strips

* Samples: Max. number of samples for analysis, wells for kit controls excluded.

SVANOVIR® *Brucella*-Ab I-ELISA has demonstrated high sensitivity in detecting antibodies to *Brucella* and is a valuable tool in screening programmes for the eradication of brucellosis in small ruminants.

Available in a 2-Plate format

Effective handling and results in < 2.5 hrs

High quality – thoroughly validated and manufactured under strict ISO 9001:2008 standardised procedures in Sweden

Multilingual kit insert and labels

PERFORMANCE CHARACTERISTICS

SVANOVIR® *Brucella*-Ab I-ELISA o/c

In studies testing serum from several small ruminant populations in different countries, SVANOVIR® *Brucella*-Ab I-ELISA has shown excellent sensitivity. The assay minimises the risk of false negative results and reliably detects antibodies to *B. abortus* and *B. melitensis* in infected herds.

Serum of sheep and goats from	Sensitivity	Specificity	Reference method
<i>Brucella</i> -free populations n=150 ^a	n.ap.	100%	CFT*
Defined samples			
Field infected n _{pos} =19 ^b			
Experimentally infected n _{pos} =187 ^b	100%	100%	Agglutination, CFT*
<i>Brucella</i> -free animals n _{neg} =120 ^b			

*Complement fixation test, samples from ^(a) France ^(b) Sweden & Norway

YOUR SUPPORT

From 9am-16pm CET call:

 +46 18 65 49 15

 customer.service@svanova.com

COMPLIMENTARY PRODUCTS FOR controlling brucellosis

Advantage	Species	Test
The best way to detect brucellosis in livestock herds	Bovine, ovine, caprine and porcine	SVANOVIR® <i>Brucella</i> -Ab C-ELISA
The most effective way to detect brucellosis in cattle herds	Bovine	SVANOVIR® <i>Brucella</i> -Ab I-ELISA

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