



PrioCHECK Porcine *Trichinella* Ab Strip Kit

Worm *Trichinella* out of pigs with reliable, efficient, and convenient ELISA for monitoring, surveillance, and certification

Confidence in results

- Highly sensitive and specific
- No cross-reactivity with other commonly found pig parasites
- Test produces unambiguous results—either positive or negative, with no gray zone
- Positive and negative samples are clearly separated
- Results can be interpreted objectively and documented electronically

Convenient

- Easy to use and conveniently automatable on a robotic system
- Uses colored buffers to help reduce handling errors
- Features a short, simple protocol, making the test fast—90 prepared samples can typically be analyzed within 90 minutes
- Excellent tool for risk-based surveillance of *Trichinella* infections in pigs

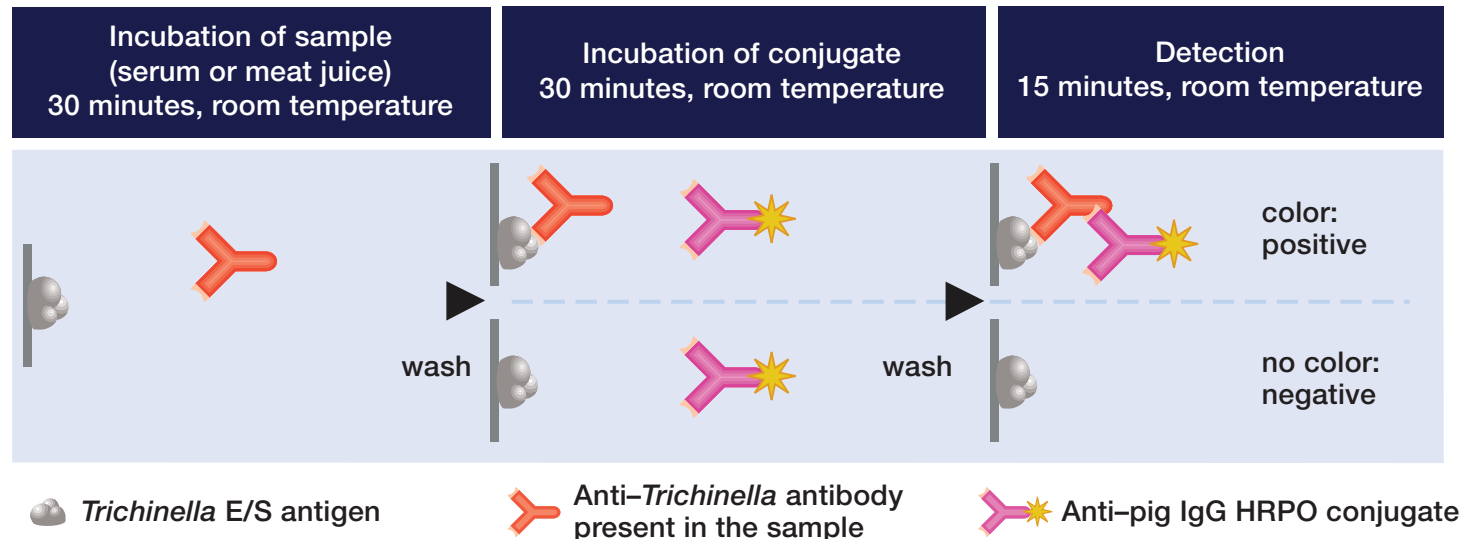
Efficient

The Applied Biosystems™ PrioCHECK™ Porcine *Trichinella* Ab Strip Kit is a valuable tool for monitoring, surveillance, and certification purposes. The implementation of a certification program can help with reduction of overall production costs, while demonstrating high-level farm management, helping to increase the competitive advantage for the producer.

Sensitive and specific detection of *Trichinella*

The PrioCHECK Porcine *Trichinella* Ab Strip Kit showed a sensitivity and specificity of up to 100% in an in-house validation study, using *Trichinella*-negative and *Trichinella*-positive serum samples from pigs. The diagnostic status of the samples was confirmed with an E/S antigen ELISA assay by a national reference laboratory in the European Union. No cross-reactivity with other commonly found pig parasites such as *Ascaris*, *Trichuris*, *Hyostrongylus*, or *Strongyloides* was observed. In addition, various national reference laboratories valued the PrioCHECK Porcine *Trichinella* Ab Strip Kit as highly sensitive, specific, and easy to use.

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Trichinellosis

Trichinellosis is a zoonotic disease that occurs worldwide and is caused by the larvae of the nematode *Trichinella*, which infects many carnivorous and omnivorous animal species, including domestic pigs. Currently, eight species and six genotypes have been recognized in this genus. The species that are of main importance in Europe are *Trichinella spiralis*, *Trichinella britovi*, *Trichinella pseudospiralis*, and *Trichinella nativa*. Humans can be infected by eating raw or insufficiently cooked meat.

Under the European Commission (EC) Directive No. 2075/2005, all pigs slaughtered for human consumption have to be tested for trichinellosis by artificial digestion. However, the regulation allows the number of pigs tested to be reduced for holdings and areas that are certified as *Trichinella*-free or as having a negligible risk. A serological test may be used for this purpose.

Ordering information

Product	Type	Quantity	Cat. No.
PrioCHECK Porcine <i>Trichinella</i> Ab Strip Kit	ELISA	5-strip plate kit (450 tests)	7610150
Related products			
PrioCHECK Porcine <i>Toxoplasma</i> Ab Kit	ELISA	5-strip plate kit (450 tests)	7610230
PrioCHECK Porcine <i>M. avium</i> Plate kit	ELISA	5-strip plate kit (450 tests)	7610720
PrioCHECK Porcine HEV Ab Strip Kit	ELISA	5-strip plate kit (450 tests)	4600010
PrioCHECK Porc. <i>Salmonella</i> Ab 2.0 Strip Kit	ELISA	5-strip plate kit (450 tests)	7610660

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