

# ParoReal Kit

## *Trichinella spiralis & britovi*



For veterinary use only

### ParoReal Kit *Trichinella spiralis & britovi*

Order no.	Reactions	Pathogen	Internal positive control
DVEP00413	100	FAM + VIC/HEX channel	Cy5 channel
DVEP00453	50	FAM + VIC/HEX channel	Cy5 channel



#### Kit contents:

- Multiplex detection assay for *Trichinella spiralis* & *T. britovi*
- Detection assay for internal positive control (control of amplification)
- DNA reaction mix (contains uracil-N glycosylase, UNG)
- Positive control for *Trichinella spiralis* & *T. britovi*
- Water

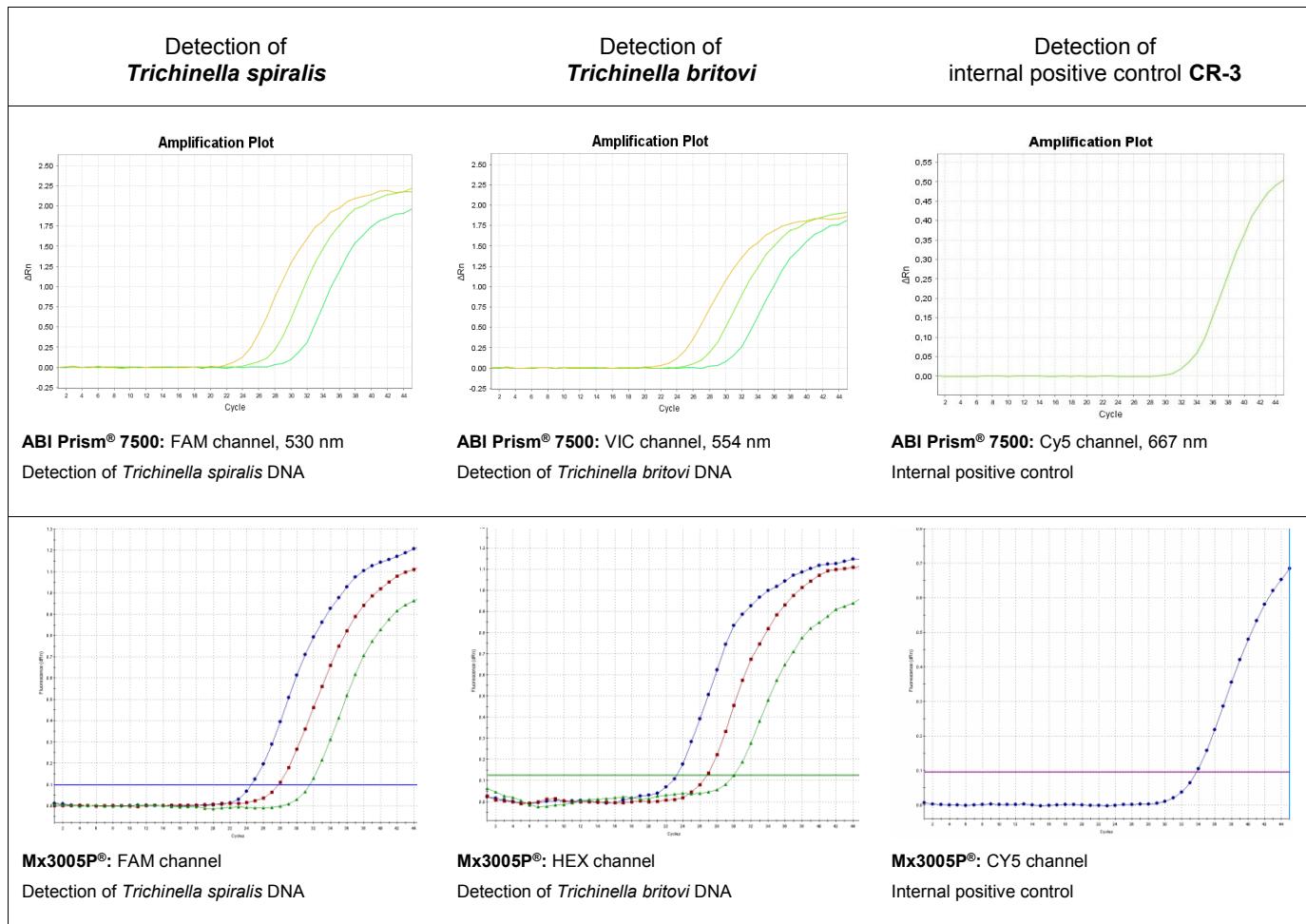
**Background:** Trichinellosis is a food-borne parasitic zoonosis caused by nematodes of the genus *Trichinella*. Twelve genotypes of *Trichinella* have been identified worldwide four of which are confirmed to exist in Europe: *T. spiralis*, *T. nativa*, *T. britovi* and *T. pseudospiralis*. Two main clades are recognized in the genus: one group (*T. britovi*, *T. murrelli*, *T. nativa*, *T. nelsoni*, *T. spiralis*) that encapsulates in host muscle tissue and a second (*T. papuae*, *T. pseudospiralis*, *T. zimbabwensis*) that does not.

**Description:** ParoReal Kit *Trichinella spiralis & britovi* is based on the amplification and detection of the internal transcribed spacer of *Trichinella spiralis* and *T. britovi* using real-time PCR. It allows the rapid and sensitive detection of *Trichinella spiralis* and *T. britovi* from DNA samples purified from meat (e.g. with the QIAamp DNA Mini Kit). *Trichinella spiralis* is detected in FAM channel and *Trichinella britovi* is detected in VIC/HEX channel.

**PCR-platforms:** ParoReal Kit *Trichinella spiralis & britovi* is developed and validated for the ABI PRISM® 7500 instrument (Thermo Fisher Scientific), LightCycler® 480 (Roche) and Mx3005P® QPCR System (Agilent), but is also suitable for other real-time PCR instruments.

**Sensitivity and specificity:** ParoReal Kit *Trichinella spiralis & britovi* has an analytical sensitivity of 5-10 target copies per PCR reaction and is specific for *T. spiralis* and *T. britovi*.

# Product Description



ViroReal®, BactoReal® and ParoReal Kits run with the same thermal cycling conditions.  
RNA and DNA material can be analysed in one PCR run.

For further information on our products please visit our homepage ([www.ingenetix.com](http://www.ingenetix.com))