

## Real-time RT-PCR for the qualitative detection of *Neospora caninum*

This qualitative duplex test simultaneously amplifies a target sequence in the *Neospora caninum* genome, and an endogenous internal control.

It may be used to analyse brain, placenta or muscle homogenates.

**It is the only commercial *N. caninum* PCR to include a positive target control\* to be extracted along with field samples in order to evaluate extraction, purification and amplification efficiency**

### Other features:

- **Rapid 1 hour amplification protocol**
- **Compatible** with most extraction systems (magnetic beads, silica columns) and with all thermocyclers
- Uses the **same extraction and amplification protocols common to all ID Gene™ PCR tests** so that other pathogens (DNA or RNA) may be tested on the same plate
- **High performance:** DL<sub>PCR</sub> < 10 copies / PCR and specificity of 100%.
- **Validated** by the French national reference laboratory and according to the French standard NFU47-600-2
- **Ready-to-use reagents** mean that the amplification reaction mix contains all the primers, probes and master mix required to run the qPCR

**\* Target Positive Control (TPC) included in the kit:** negative brain tissue spiked with inactivate *N. caninum* strain, and calibrated at between 10 and 100 times the detection limit of the method (MDL).

### SPECIFICATIONS

Product code	IDNEO-50	IDNEO-100
Reactions	50	100
Method	Real time RT PCR - Duplex - Qualitative	
Species	Ruminants	
Sample types	Brain, placenta, muscle	

### ASSOCIATED PRODUCTS

#### ID Gene® Spin Universal Extraction Kit

Product code	SPIN50 / SPIN250
Format	50 preps / 250 preps
Description	Extraction system using silica columns for all matrices and

all veterinary pathogens

### ID Gene™ Mag Fast Extraction Kit

**Product code** MAGFAST384

**Format** 384 preps

**Description** **Rapid magnetic bead nucleic acid extraction kit for use with any matrix or pathogen (DNA or RNA).**

- ⇒ The **fastest magnetic bead** extraction kit on the market, with results in only 20 min!
- ⇒ Use in combination with the [ID Gene™ range of amplification kits](#) to obtain results in only **70 minutes for DNA** and **90 minutes for RNA** (extraction and amplification)
- ⇒ Compatible with most open extraction robots for magnetic beads

### ID Gene® Mag Universal Extraction Kit

**Product code** MAG384

**Format** 384 preps

**Description** **Magnetic bead nucleic acid extraction system for use for use with any matrix or pathogen (DNA or RNA).**

- ⇒ Results in 40 min
- ⇒ Compatible with most open extraction robots for magnetic beads
- ⇒ May be used with most commercial amplification kits which are validated with this type of extraction protocol.