

## The ID Gene™ Mycobacterium tuberculosis complex Duplex (IDTUB) kit is a qPCR kit that amplifies a target sequence in the genome of members of the *Mycobacterium tuberculosis* complex (MTC).

This kit is a qualitative Duplex test. It simultaneously amplifies target DNA from member(s) of the MTC (*M. tuberculosis*, *M. bovis*, *M. africanum*, *M. microti*, *M. canetti*, *M. caprae*, and *M. pinnipedii*) and an exogenous internal control.

This kit may be used to test lymph nodes and peripheral tissues from cattle, sheep, goats, deers, suids and badgers.

- **The most sensitive PCR kit** on the market (LDPCR = 1 copy/PCR and LDmethod = 300 UG/mL)
- **Developed according to the requirements** of Terrestrial Animal Health Code (OIE) and the French National Reference Laboratory for Tuberculosis (ANSES)
- Includes **ready-to-use reagents, positive controls** to evaluate the efficiency of the extraction and amplification steps, and an **exogenous internal control**
- **The fastest protocol** on the market
- Suitable for use with **most extraction systems and all thermocyclers**

### SPECIFICATIONS

Product code	IDTUB-50	IDTUB-100
Reactions	50	100
Method	qPCR - Duplex - Qualitative	
Species	Cattle, sheep, goats, deers, suids and badgers	
Sample types	Lymph nodes and peripheral tissues	

### ASSOCIATED PRODUCTS

#### TUB Positive Extraction Control

Product code	PEC-TUB
Format	550 µL (freeze-dried)
Description	Freeze-dried preparation of inactivated <i>Mycobacterium bovis</i> BCG-Copenhagen vaccine strain (ATCC-27290) diluted in a negative lymph node supernatant.  To be prepared and extracted in the same way as samples, to validate the efficiency of the nucleic acid extraction and qPCR

amplification processes and to monitor variations in analytical sensitivity.

### 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.