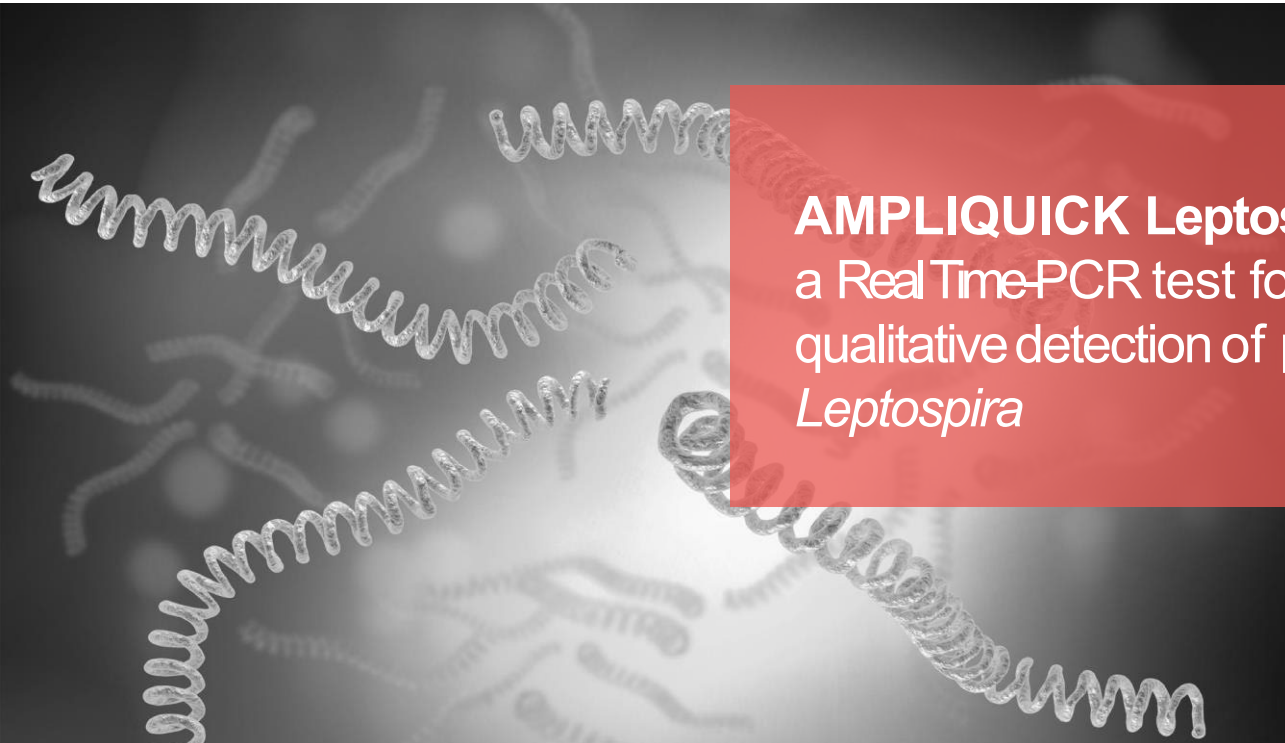


# BIOSYNEX AMPLIQUICK *Leptospira*

## BACTERIOLOGY



**AMPLIQUICK *Leptospira***  
a RealTime-PCR test for the  
qualitative detection of pathogenic  
*Leptospira*

### **High performances**

- Kit used by the French National Reference Center for Leptospirosis
- High-performance test (Se: 100%, Sp: 100%)
- Two controls included: procedural and amplification

### **Comprehensive solution from sampling to result**

Validated on :

- Urine or serum/plasma samples
- Open amplification kits validated on most real-time PCR instruments

### **Easy to use**

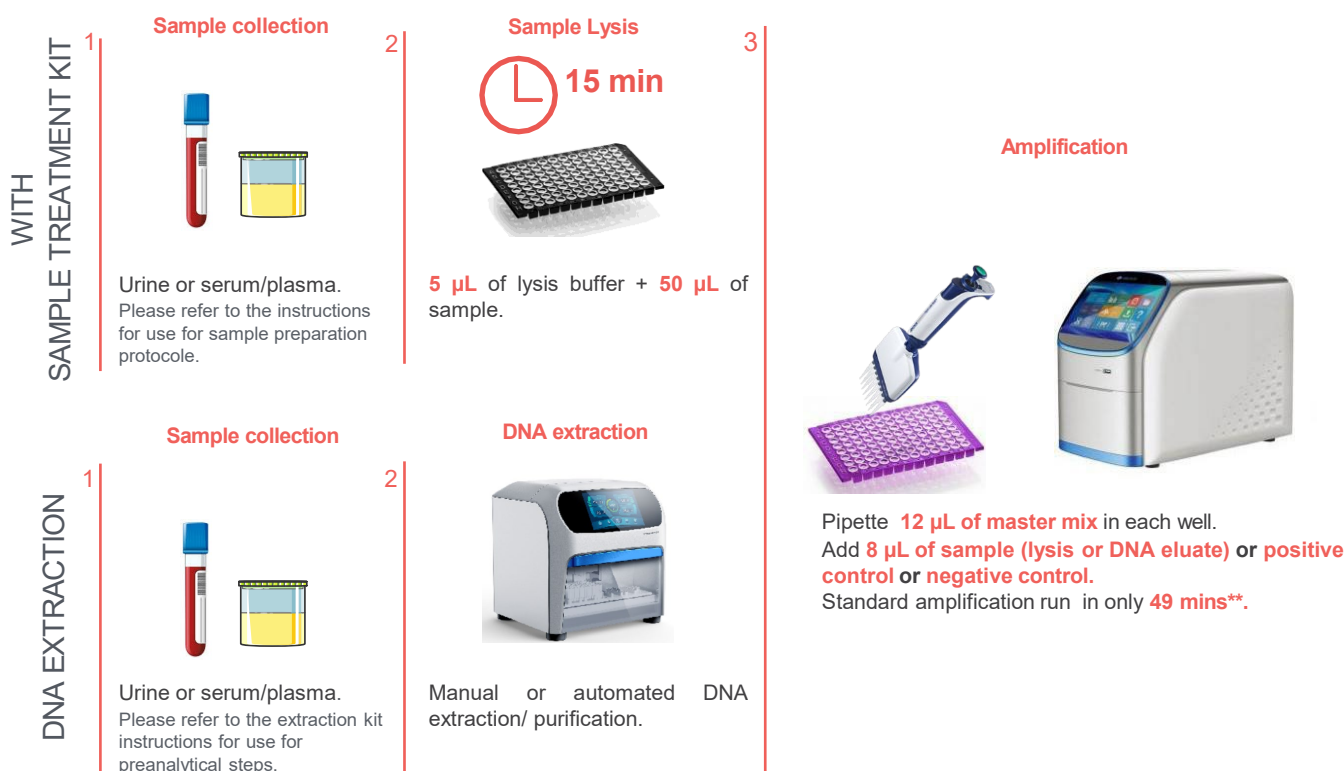
- Simplified sample preparation in just 15min without extraction/purification step
- Ready-to-use master mix, just add the eluate
- Compatible with use of "Fast mode" on thermal cyclers

# BIOSYNEX AMPLIQUICK Leptospira

Leptospirosis is a bacterial disease caused mainly by pathogenic bacteria of the *Leptospira interrogans* species, found worldwide. The number of serious cases of leptospirosis observed worldwide each year is estimated at over one million, with a case-fatality rate of over 10%. The bacteria, which are mainly carried by rodents and excreted in their urine, survive well in damp environments (fresh water or muddy soil), which favors contamination. The disease is most common in tropical and subtropical areas with high rainfall. Leptospirosis rates remains relatively low in Europe, most cases occurring between July and October a seasonality driven by a combination of rainfall, temperatures and outdoor activities. France (mainland) reports the highest number of cases followed by Germany, the Netherlands, Spain and Portugal; these countries represent 50% of EU population but 82% of reported cases.

The **AMPLIQUICK Leptospira** kit from BIOSYNEX detects the *lipL32* gene encoding an outer membrane protein present only in pathogenic strains.

## PROCEDURES\*



\*Simplified procedure. Please refer to instructions for use for the detailed procedure.

## REFERENCES

### BIOSYNEX AMPLIQUICK Leptospira

Ref. 3150064

Contain:

- 1 vial of ready-to-use Master Mix (25 rxns)
- 1 vial of positif control (9 rxns)
- 1 vial of negatif control (9 rxns)

### BIOSYNEX AMPLIQUICK Sample Treatment

Ref. 3150063

Contain:

- 5 vials of Sample Treatment Buffer (25rxns)
- 1 vial of ready-to-use lysis buffer (25 rxns)
- 1 bag of 50 1.5mL-microcentrifuge tubes

\*\*Validated thermal cyclers: CFX96™ Touch Real-Time PCR Detection System (Bio-Rad), CFX96™ Opus Real-Time PCR Detection System (Bio-Rad), QuantGene 9600 (Bioer), QuantStudio5™ System (Applied Biosystems), LightCycler480 (Roche), DT lite 48/96 (DNA Technology / Amplix).

Manufacturer: BIOSYNEX S.A. (France)

*In vitro* medical diagnostic device..

Read the instructions in the technical data sheets carefully.

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