

Adia^X Coxiella Lyo

ADIALYO_Coxiella_PP01_(EN)_V03
18/01/2024

Freeze-dried real time PCR tests

A BRIEF OUTLOOK ON Q FEVER

Coxiella burnetii is a Gram-negative obligate intracellular bacterium responsible for Q fever (Burnet and Freeman, 1937; Cox, 1938). The disease exists all over the world. *C. burnetii* is able to infect a large range of hosts including humans. Q fever is a zoonosis (pathology that can be transmitted to human) mainly transmitted by ruminants (ovine, bovine and caprine). *C. burnetii* is present in the reproductive apparatus, placenta and fluids produced during parturition or abortion. The bacterium can be excreted in milk and faeces of infected animals presenting no clinical signs.

Impact of the new Animal Health Law (AHL) EU 2016/429

Commission Delegated Regulation (EU) 2020/689 of December 17, 2019 establishes minimum preventive measures for the control and early detection, for animal diseases and Q Fever is classified as a **category D** disease (disease to be detected in order to avoid spreading).

PCR is the most sensitive and fast reference method for the detection of *Coxiella Burnetii* and is now available in freeze-dried form with the new ADIALYO™ range.

*Do not
compromise
between
performance
and simplicity*



REDUCING OUR ENVIRONMENTAL FOOTPRINT WITH ADIALYO™ RANGE

- Safe and easy handling and shipment at room temperature
- No more dry ice or Polystyrene
- Less energetic cost for shipment or storage
- Large presentations for large scale PCR testing worldwide

ADIALYO™ COXIELLA

First COXIELLA quantitative freeze-dried PCR tests



Constraint-free shipping



Environment friendly products



Stable at room temperature for transport



« ADIALYO™ COXIELLA sets the new reference for a worldwide fast and reliable PCR Q Fever detection in compliance with AHL and environmental concerns. »



ADIALYO™ COXIELLA CHARACTERISTICS

Quantitative PCR Kit :

- *Coxiella Burnetii* (FAM)
- Exogenous internal control (HEX)
- CTL + COX for quantification

Easy to use :

- Stable at +2/8 °C up to 24 months before use
- **Easy preparation:** Rehydration of the mastermix with the buffer included in the kit
- Ready to use after rehydration
- Storage 24 months <-15°C after rehydration
- Stable up to 3 freeze-thaw cycles
- Packaging of **100 reactions**

Quick and reliable method :

- Validated with reference extraction methods including **ADIAMAG™**
- **Quick run time** for amplification (**only one hour**) 
- High specificity and sensitivity
- Low PCR Detection Limit
- Internal control included

Samples for PCR Coxiella diagnostic (individual analysis) :

- Swab (placental, vaginal...)
- Tissue (placenta, foetal tissues...)
- Foetal liquid
- Milk



A SIMPLE GESTURE FOR THE PLANET

1. Open carefully the mix vial
2. Rehydrate the lyo with the provided solution
3. Homogenize - your mix is ready to use!



TO ORDER:

Pathogen/Target	Species	Cat. Nb.	Product name	Reactions
<i>Coxiella Burnetii</i> (Q Fever)	B, S, E & G	ADL14Y1-100	ADIALYO™ COXIELLA	100 R
-	-	NADI003	ADIAMAG™ – RNA/DNA extraction with magnetic beads	200 R
References suitable for large series analysis in multiple of 96-well plates				
A : Avian, B : Bovine, E : Equine, G : Goat, P : Swine, P' : Boar, S : Sheep				



Smart solutions for sharp decisions

Contact us:

✉ f.bernard@biox.com

☎ +32 (0) 84 32 23 77

🌐 www.biox.com