

Adia^X Lyo BTV

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Freeze-dried real time PCR tests

i A BRIEF OUTLOOK ON THE BLUE TONGUE VIRUS (BTV)

The **Blue Tongue Virus** (RNA virus) is a non-contagious viral arthropod-borne infectious disease due to an Orbivirus from the Reoviridae family. It is mainly transmitted by hematophagous midges from the Culicoides genus. It induces serious syndromes in ovine species including fever, oedema and slimming, with a mortality comprised between 1 and 10%. However, it is mainly asymptomatic in caprine species and domestic or wild ruminants, which are the virus reserve. Once thought to be restricted in Africa and parts of the Middle East, BTV has now become a concern in sheep-rearing countries around the world. In the past 10 years, severe outbreaks have occurred in Europe with important economic consequences. The clinical expression is widely dependent on environmental parameters (nutritional state, parasitism and bacterial infections concomitant) and on individual sensitivity. More than 27 distinct serotypes exist with only partial or even no cross protections between each other.

The new Animal Health Law (AHL) EU 2016/429

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

*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™ BTV

First large spectrum BTV freeze-dried PCR test

 **Constraint-free** shipping

 **Environment friendly** products

1ST

 **Stable** at room temperature during transport

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



CHARACTERISTICS FOR ADIALYO™ BTV

PCR Kit :

- BlueTongue Virus (FCO), serotypes 1 to 27 (FAM)
- Endogenous internal control (HEX)

Easy to use :

- Storage for 24 months before use (+2/8°C)
- Easy preparation:** Rehydration of mastermix with the buffer included in the kit
- Ready to use after rehydration
- Storage 24 months <-15°C after preparation
- Stable up to 3 freeze-thaw cycles
- Large presentation (200 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

Samples for PCR Blue Tongue Virus diagnostic :

- Whole blood (pool up to 20)
- Tissues
- Virus culture



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
Bluetongue virus (BTV)	B, G & S	ADL35Y1-200	ADIALYO™ BTV	200 R
-	-	NAD1003	ADIAMAG™ – RNA/DNA Extraction with magnetic beads	200 R

A : Avian, B : Bovine, E : Equine, G : Goat, P : Swine, P' : Boar, S : Sheep



Smart solutions for sharp decisions

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