

Combat Bluetongue Virus with Precise PCR Testing

Fast. Accurate. Serotype-Specific.

Did you know? Bluetongue Virus (BTV) can persist in midges during mild winters—making year-round surveillance crucial. Stay ahead of outbreaks with INDICAL's PCR solutions for BTV testing. Our virotype assays empower labs with highly reliable virus detection and precise serotype differentiation.

- 3 kits enable real-time PCR for broad BTV and simultaneous serotype-specific detection: BTV pan/4, BTV pan/8 2.0 and BTV pan/3 2.0
- No additional PCR rounds required
- Excellent sensitivity & specificity to catch early or low-level infections
- Test pools of up to 10 blood samples
- Rapid results within 60 mins*
- Family PCR protocol allows other virotype 2.0 assays to be run concurrently**
- Ready to use format, minimal hands-on time
- Validated workflows using INDICAL extraction kits
- Approved in Germany by the Friedrich Loeffler Institute (FLI-C 020, FLI-C 114, FLI-C 158), licensed in Switzerland by the BLV



* virotype BTV pan/4 RT-PCR Kit – approx. 100 min.
** Family protocol for 2.0 assays, not applicable for virotype BTV pan/4 RT-PCR Kit

Rely on INDICAL's virotype BTV Assays for Bluetongue Virus Testing

Know the Virus. Detect the Serotype. Protect Your Herd.

Trusted by Diagnostic Labs For

- Surveillance of BTV outbreaks and serotype spread
- Export certification and trade compliance
- Routine and seasonal BTV screening
- Clinical case confirmation

Compatible Sample Types

- Whole Blood (single or pooled)
- Tissue (e.g. spleen, lymph nodes)
- Samples from cattle, sheep and goat

Ordering information

Product	Short description	Cat. no. (ml)
virotype BTV pan/4 RT-PCR Kit	For identification of RNA from all 29 known <i>Bluetongue Virus</i> serotypes plus separate detection of BTV serotype 4 (BTV-4) in a single PCR run	VT280455 (96)
virotype BTV pan/8 2.0 RT-PCR Kit	For detection of Bluetongue Virus RNA plus separate identification of the European serotype BTV-8	VT280465 (100)
virotype BTV pan/3 2.0 RT-PCR Kit	For detection of <i>Bluetongue Virus</i> RNA plus separate identification of the European serotype BTV-3	VT280475 (100)

Get the best results in downstream testing with the right start. Our proven extraction kits for nucleic acid extraction are suitable for both high- and low-throughput workflows.

Product	Short description	Cat. no.
IndiMag 2 (110~240 V)	User-friendly, versatile benchtop instrument for automated magnetic bead-based nucleic acid isolation of up to 48 samples simultaneously.	IN950048
IndiMag Pathogen Kit w/o plastics	For isolation of viral RNA/DNA and bacterial DNA based on magnetic bead technology. <i>For use with IndiMag 48s, IndiMag 2, KingFisher Flex and equivalent instruments.</i>	SP947257 (500)
IndiMag Pathogen IM2 Cartridge	Prefilled reagent cartridges, lysis strips and elution strips for automated extraction of viral RNA/DNA and bacterial DNA based on magnetic bead technology. <i>Including rod covers.</i> For use with IndiMag 2.	SP957654C608 (6 x 8)
IndiMag Pathogen IM48 Cartridge	Prefilled reagent cartridges (32-well blocks) for automated isolation of viral RNA/DNA and bacterial DNA based on magnetic bead technology. <i>Including rod covers.</i> For use with IndiMag 48s and IndiMag 2.	SP947654P608 (6 x 8)
IndiMag Pathogen KF96 Cartridge	Prefilled and sealed reagent cartridges for automated extraction of viral RNA/DNA and bacterial DNA based on magnetic bead technology. <i>For use with KingFisher Flex and equivalent instruments.</i>	SP947855P196 (96) SP947855P496 (4 x 96)
IndiSpin Pathogen Kit	For isolation of viral RNA/DNA and bacterial DNA based on silica membrane technology.	SP54104 (50) SP54106 (250)

Request a quote or order online: shop.indical.com

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