

TECHNICAL DATA SHEET

NVRL-BTV-05-VR-001

Technical Data Sheet v4
Product Information v2

BLUETONGUE VIRUS; SEROTYPE 5; REFERENCE STRAIN (WESTERN)

Product type:	Virus
Virus name:	<i>Bluetongue virus</i>
ICTV Taxonomy:	dsRNA → Unassigned dsRNA → Reoviridae → Sedoreovirinae → Orbivirus → Bluetongue virus
Serotype:	5
Topotype:	Western
Isolate:	RSArrrr/05
Geographical origin:	Transvaal, South Africa
Collection date:	1st June 1953
Product Risk Group:	3
Biosafety restrictions:	This product is a live infectious virus. National and international regulations regarding use, storage and transport from the exporting and importing countries will need to be considered when supplying this product.

TECHNICAL DATA

Unit definition:	1 × 1ml
Storage conditions:	Viral Storage Medium at -80°C
Sequencing:	Partial sequence
Genbank reference:	KP821101, KP821582, MN710093, MN710209, MN710122, MN710151, MN710180, MN710238, MN710267, MN710296, MN710325, MN710354
Production cell line:	Chicken embryos (E), BHK-21 (BHK)
Passage:	E2/BHK6

QUALITY CONTROL

Mycoplasma content:	Mycoplasma free
Infectivity:	Infectivity tested and quantified
Infectivity Test:	Cell culture
Viral titre:	10 ⁵ TCID ₅₀ /ml

SHIPPING CONDITIONS

Shipping temperature:	Dry ice
IATA classification:	UN3373 (Biological Substance Category B) & UN1845 (Dry Ice)

Notes

ICTV Taxonomy	Taxonomy of the product according to the International Committee on Taxonomy of Viruses (ICTV) (https://talk.ictvonline.org/)
Product Risk Group	This risk group classification is to be used for laboratory work only, as defined by the WHO laboratory biosafety manual (https://www.who.int/csr/resources/publications/biosafety/Biosafety7.pdf)
IATA classification	Dangerous goods classification of the product according to the International Air Transport Association (IATA) regulations (https://www.iata.org/).