

## TECHNICAL DATA SHEET

NVRL-BTV-05-VR-001

Technical Data Sheet v3  
Product Information v1

### BLUETONGUE VIRUS; SEROTYPE 5; REFERENCE STRAIN (WESTERN)

<b>Product type:</b>	Virus
<b>Virus name:</b>	<i>Bluetongue virus</i>
<b>ICTV Taxonomy:</b>	dsRNA → Unassigned dsRNA → Reoviridae → Sedoreovirinae → Orbivirus → Bluetongue virus
<b>Serotype:</b>	5
<b>Genotype:</b>	-
<b>Topotype:</b>	Western
<b>Isolate:</b>	RSArrrr/05
<b>Geographical origin:</b>	Transvaal, South Africa
<b>Collection date:</b>	1st June 1953
<b>Product Risk Group:</b>	3
<b>Biosafety restrictions:</b>	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

<b>Unit definition:</b>	2 x 1ml
<b>Storage conditions:</b>	Viral Storage Medium at -80°C
<b>Sequencing:</b>	Partial sequence
<b>Genbank reference:</b>	KP821101, KP821582, MN710093, MN710209, MN710122, MN710151, MN710180, MN710238, MN710267, MN710296, MN710325, MN710354
<b>Production cell line:</b>	Chicken embryos (E), BHK-21 (BHK)
<b>Passage:</b>	E2/BHK6

### QUALITY CONTROL

<b>Mycoplasma content:</b>	Mycoplasma free
<b>Infectivity:</b>	Infectivity tested and quantified
<b>Infectivity Test:</b>	Cell culture
<b>Viral titre:</b>	10 <sup>5</sup> TCID <sub>50</sub> /ml

### SHIPPING CONDITIONS

<b>Shipping temperature:</b>	Dry ice
<b>IATA classification:</b>	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) ( <a href="https://talk.ictvonline.org/">https://talk.ictvonline.org/</a> )
Product Risk Group	This risk group classification is to be used for laboratory work only, as defined by the WHO laboratory biosafety manual ( <a href="https://www.who.int/csr/resources/publications/biosafety/Biosafety7.pdf">https://www.who.int/csr/resources/publications/biosafety/Biosafety7.pdf</a> )
IATA classification	Dangerous goods classification of the product according to the International Air Transport Association (IATA) regulations ( <a href="https://www.iata.org/">https://www.iata.org/</a> ).