



Product Sheet

West Nile virus (ATCC® VR-1640™)

Please read this FIRST

Storage Temp.
Store at -20°C or colder immediately upon arrival. Repeated freeze-thaw cycles should be avoided.

Biosafety Level
1

Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: West Nile virus (ATCC® VR-1640™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Description

Strain: Monoclonal antibody to West Nile virus Envelope Protein, Clone E101 (produced *in vitro*)

Classification: Flaviviridae, Flavivirus

Common Name: West Nile virus

Depositor: MS Diamond

Batch-Specific Information

Refer to the Certificate of Analysis for batch-specific test results.

Propagation

Effect on Host:

Mouse monoclonal antibody prepared against the envelope glycoprotein of West Nile virus (WNV) was purified from clone E101 hybridoma supernatant by protein G affinity chromatography. The B cell hybridoma was generated by the fusion of P3X63.Ag8.53 BALB/c mouse myeloma cells with immunized mouse splenocytes. The clone E101 antibody is reported to bind to the lateral ridge of domain I in the envelope glycoprotein.

References

References and other information relating to this product are available online at www.atcc.org.

Key Abbreviations

°C, degrees Celsius

PBS, phosphate buffered saline

mg, milligram

mL, milliliter

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

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