

West Nile Virus Seroconversion Panel PWN901

BBI Diagnostics
A SeraCare Company
TEL: (508) 580-1900
US Toll Free: (800) 676-1881
FAX: (508) 580-2202

INTENDED USE

This West Nile Virus Seroconversion Panel PWN901 is a group of serial bleeds from an individual plasma donor during seroconversion for West Nile Virus (WNV) antibody IgM and WNV RNA. This Panel is intended for use by diagnostic manufacturers and clinical laboratorians to evaluate their WNV test systems using well-characterized specimens and to provide comprehensive data for comparative analysis. For Research Use Only. Not for use in diagnostic procedures.

PRODUCT DESCRIPTION

PWN901 consists of a set of undiluted plasma samples from a single plasma donor collected during a period of WNV seroconversion. All units were maintained in a frozen state, except for the interval of dispensing into vials. No preservatives were added.

Reagents

Cat No. PWN901-1.5 1 vial per member
5 members, 1.5 ml per vial

PRECAUTIONS

These materials have not been treated and should be considered biohazardous. Follow Universal Precautions. Panel members were tested and found positive by tests for WNV.

The units that make up this panel were tested and found negative for HBsAg, anti-HIV, and anti-HCV. This does not ensure the absence of these or other human pathogens.

Do not pipette by mouth.

Do not smoke eat or drink in areas where specimens are handled.

These materials should be disposed of in a manner that will inactivate pathogenic agents.

STORAGE

Panel members should be stored frozen at -65°C to -80°C . BBI recommends that the panel members be divided into smaller aliquots for ease in repeated testing and to avoid multiple freeze-thaw cycles. If turbidity or particulate matter is observed, the samples should be centrifuged in accordance with each test kit manufacturer's instructions for sample preparation.

INTERPRETATION OF RESULTS

The attached data sheet lists test results for panel members generated by using commercially available anti-WNV IgM, anti-WNV IgG, and WNV RNA screening tests and confirmatory methods. The testing was performed at SeraCare. All EIA results are the mean of duplicates, expressed as sample signal to cutoff ratios (s/co). Ratios >1.0 are considered reactive. Viral RNA was detected using a TaqMan® Assay ultrasensitive method. Results are expressed as RNA copies/ml.

LIMITATIONS

For Research Use Only. Not for use in diagnostic procedures. The data are provided for informational purposes only. BBI Diagnostics does not claim that others can duplicate these results exactly.

For assistance, contact BBI Diagnostics Technical Support



375 West Street, West Bridgewater, MA 02379 USA
E-mail: info@seracare.com, website: www.seracare.com

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West Nile Virus Seroconversion (PWN901)
Data Sheet

-----WNV EIA Tests-----

---WNV RNA Test---

<u>ID #</u>	<u>Bleed Date</u>	<u>Days since the first bleed</u>	<u>Focus IgM s/co</u>	<u>PANBIO IgM s/co</u>	<u>Focus IgG s/co</u>	<u>PANBIO IgG s/co</u>	<u>TAQMAN RNA c/ml</u>
PWN901-01	11 AUG 03	0	0.0	0.2	0.1	0.2	<30
PWN901-02	13 AUG 03	2	0.0	0.2	0.1	0.2	7 x 10 ²
PWN901-03	18 AUG 03	7	0.0	0.2	0.1	0.2	2 x 10 ²
PWN901-04	20 AUG 03	9	0.1	0.2	0.1	0.2	5 x 10 ¹
PWN901-05	25 AUG 03	14	4.1	2.0	0.1	0.2	<30
Run Date			22 AUG 05	29 AUG 05	24 JUN 05	29 AUG 05	01 SEP 05
Kit Lot #			052273	5047	042114	5066	G04468
Exp. Date			31 AUG 05	30 APR 06	31 AUG 05	31 MAR 06	31 JAN 06
Product #			EL0300M	E-WNV02M	EL0300G	E-WNV01G	In-house

CAUTION: Panel members were tested and found nonreactive for HBsAg, antibodies to HIV 1/2, and HCV. The potential for transmission of infectious disease is present.

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