



<u>Procedure</u>	<u>Result</u>	<u>Units</u>	<u>Ref Interval</u>	<u>Accession</u>	<u>Collected</u>	<u>Received</u>	<u>Reported/</u> <u>Verified</u>
Zika Virus IgM Ab Capture (MAC), ELISA	Presumpt Zika *f		[Negative]	19-169-900157	18-Jun-19 12:29:00	18-Jun-19 12:29:00	18-Jun-19 12:33:11
Pregnant?	Yes			19-169-900157	18-Jun-19 12:29:00	18-Jun-19 12:29:00	18-Jun-19 12:33:11
Relevant Zika virus Exposure?	Yes			19-169-900157	18-Jun-19 12:29:00	18-Jun-19 12:29:00	18-Jun-19 12:33:11
Symptoms consistent with Zika virus?	Yes			19-169-900157	18-Jun-19 12:29:00	18-Jun-19 12:29:00	18-Jun-19 12:33:11
Zika IgM Ab Capture (MAC) Confirmation	See Note f			19-169-900157	18-Jun-19 12:29:00	18-Jun-19 12:29:00	18-Jun-19 12:45:35

18-Jun-19 12:29:00 Zika Virus IgM Ab Capture (MAC), ELISA:

PRESUMPTIVE ZIKA POSITIVE: Presence of detectable Zika IgM antibody indicates presumptive recent infection. A result of Presumptive Zika should be confirmed according to the latest CDC guideline for the diagnosis of Zika virus infection, <http://www.cdc.gov/zika/laboratories/lab-guidance.html>. Therefore, the specimen will be sent for confirmatory testing by Plaque Reduction Neutralizing Test (PRNT). Depending on the patient's state of residence, the specimen will be sent to the Centers for Disease Control (CDC) or the state health laboratory for PRNT testing. The test, ZIKAM CONF has been added to this order, which will be used to enter the results received from the CDC or state health laboratory when they become available. Testing for related viruses with known co-circulation should be considered (eg., dengue virus, West Nile virus, chikungunya virus).

* Abnormal, # = Corrected, C = Critical, f = Footnote, H = High, L = Low, t = Interpretive Text, @ = Reference Lab

18-Jun-19 12:29:00 Zika IgM Ab Capture (MAC) Confirmation:

Test	Result
Dengue-1 Plaque Reduction Neutralization*	>1:80 Titer

Comments and Disclaimers

* Serum PRNT titer <10 is negative for the virus indicated. Serum PRNT titer =>10 is positive for the virus indicated. CSF PRNT titer <2 is negative for the virus indicated. CSF PRNT titer =>2 is positive for the virus indicated.

Test	Result
Dengue-2 Plaque Reduction Neutralization*	>1:20 Titer

Comments and Disclaimers

* Serum PRNT titer <10 is negative for the virus indicated. Serum PRNT titer =>10 is positive for the virus indicated. CSF PRNT titer <2 is negative for the virus indicated. CSF PRNT titer =>2 is positive for the virus indicated.

Test	Result
Zika Plaque Reduction Neutralization*	>1:1280 Titer

Comments and Disclaimers

* Serum PRNT titer <10 is negative for the virus indicated. Serum PRNT titer =>10 is positive for the virus indicated. CSF PRNT titer <2 is negative for the virus indicated. CSF PRNT titer =>2 is positive for the virus indicated.

Results Interpretation

Evidence of infection with a flavivirus; specific virus cannot be identified. Without knowledge of the dates of potential exposure or illness onset, we are unable to further evaluate the results.

Approved by: J. Erin Staples

Test Performed At:
Centers for Disease Control and Prevention
Arbovirus Diseases Branch
3156 Rampart Road
Fort Collins, CO 80521

18-Jun-19 12:29:00 Zika Virus IgM Ab Capture (MAC), ELISA:
INTERPRETIVE INFORMATION: Zika Virus IgM Ab Capture (MAC), ELISA

The ZIKV Detect IgM Capture ELISA assay is intended for in vitro diagnostic use under FDA Emergency Use Authorization (EUA). This test has not been FDA cleared or approved. In

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compliance with this authorization, please visit <https://aruplab.com/zika> for more information and to access the applicable information sheets.

The possibility of false-positive or false-negative results must be considered. RT-PCR testing on both a serum and urine specimen is recommended by the Centers for Disease Control and Prevention (CDC) to rule out false-negative IgM results in patients experiencing symptoms for less than 2 weeks. Specimens collected for IgM testing greater than or equal to 2 weeks after symptom onset do not require any additional testing. For more information, please review the current clinical guidelines for Zika virus testing at: www.cdc.gov/zika/