

1-800-533-1710

<b>PATIENT NAME</b> TESTING, 90405		<b>PATIENT NUMBER</b> L3MRNG9164125		<b>AGE</b> 40	<b>SEX</b> F	<b>ACCESSION #</b> G9164125
<b>ORDERING PHYSICIAN</b>		<b>CLIENT ORDER #</b>			<b>ACCOUNT #</b> LIAISONS	
<b>COLLECTION</b> 02/03/11 04:08 P <b>DATE TIME</b>	<b>RECEIVED</b> 02/03/11 04:08 P <b>DATE TIME</b>	<b>REPORT PRINTED</b> 02/07/11 02:10 P <b>DATE TIME</b>		<b>SPECIMEN INFORMATION</b> DATE OF BIRTH:		
Test Client Attn: Mayo Liaisons 200 First Street SW Rochester, MN 55905 507-284-8202						

<b>TEST REQUESTED</b>	<b>HI</b> <b>LO</b>	<b>REF RANGE</b>	<b>PERFORM SITE *</b>
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**Sin Nombre Virus IgG Confirmation**

<b>SNV IgG</b>	<b>POSITIVE (A)</b>	<b>REF</b>
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REFERENCE RANGE: NEGATIVE

This assay was developed and its performance characteristics have been determined by Focus Diagnostics. It has not been cleared or approved by the U.S. Food and Drug Administration. The FDA has determined that such clearance or approval is not necessary. Performance characteristics refer to the analytical performance of the test.

Test Performed by: Focus Diagnostics, Inc.  
 5785 Corporate Avenue  
 Cypress, CA 90630-4750

**Sin Nombre Virus IgM Confirmation**

<b>SNV IgM</b>	<b>POSITIVE (A)</b>	<b>REF</b>
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REFERENCE RANGE: NEGATIVE

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**Hantavirus Antibodies**

Hantavirus IgG	1.11 (H)	<b>REF</b>
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Hantavirus IgM	2 (H)	<b>REF</b>
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REFERENCE RANGE: &lt; or = 1.10

\* Perform Site Legend on last page of report

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**INTERPRETIVE CRITERIA:**

< or = 1.10 Antibody not detected  
 >1.10 Antibody detected

Two major groups of hantaviruses are recognized based on clinical presentation. The first group includes Sin Nombre Virus (SNV), which causes hantavirus pulmonary syndrome, a severe and sometimes fatal form of acute respiratory distress. A second group of hantaviruses (including Seoul, Hantaan, Dobrava, and Puumala) causes hemorrhagic fever with renal syndrome, a condition not typically seen in the United States. Sera are initially screened for IgG and IgM antibodies recognizing the nucleocapsid protein common to all hantaviruses. All screen IgM positive samples are then tested for SNV-specific IgM; any screen IgM positive samples that are also screen IgG positive are tested for SNV-specific IgG, as well as SNV-specific IgM. Samples that are screen IgG positive but screen IgM negative are not subjected to SNV-specific IgG testing, since the lack of IgM rules out acute SNV infection. A positive screening result but a negative SNV-specific antibody result may indicate either reactivity to a hantavirus other than SNV or false positive reactivity. A small number of SNV IgM positive (but screen IgG negative) samples represent false positive reactivity associated with acute cytomegalovirus or Epstein Barr virus infection.

These assays were developed and their performance characteristics have been determined by Focus

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