

Name: Carol Diane Gray | DOB: 8/2/1962 | MRN: 111012030007 | PCP: William C. Dam, MD | Legal Name: Carol Diane Gray

PARANEOPLASTIC AUTOANTIBODY EVALUATION - Deta...

Study Result

Narrative

Performing Organization Information:  
Site ID: EZ  
Name: Quest Diagnostics/Nichols SJC-San Juan Capistrano,  
Address: 33608 Ortega Hwy San Juan Capistrano, CA 92675-2042  
Director: Irina Maramica MD,PhD,MBA

Component Results

| Component                                                                             | Your Value             | Standard Range             |
|---------------------------------------------------------------------------------------|------------------------|----------------------------|
| Tissue IFA Observation(s)                                                             | Your Value<br>SEE NOTE |                            |
| Staining of HEp2 cells suggests nuclear non-neuronal specific antibodies are present. |                        |                            |
| No fluorescence observed on neuronal tissue.                                          |                        |                            |
| ANNA1 (HU) Ab, IFA                                                                    | Your Value<br>NEGATIVE | Standard Range<br>NEGATIVE |
| ANNA2 (RI) Ab, IFA                                                                    | Your Value<br>NEGATIVE | Standard Range<br>NEGATIVE |
| ANNA3 Ab, IFA                                                                         | Your Value<br>NEGATIVE | Standard Range<br>NEGATIVE |
| PCA1 (YO) Ab, IFA                                                                     | Your Value<br>NEGATIVE | Standard Range<br>NEGATIVE |
| PCA2 Ab, IFA                                                                          | Your Value<br>NEGATIVE | Standard Range<br>NEGATIVE |
| PCA TR (DNER) Ab, IFA                                                                 | Your Value             | Standard Range             |

| Component                  | Your Value                     | Standard Range                     |
|----------------------------|--------------------------------|------------------------------------|
|                            | <b>NEGATIVE</b>                | <i>NEGATIVE</i>                    |
| <b>AGNA/SOX1 Ab, IFA</b>   | <b>Your Value<br/>NEGATIVE</b> | <i>Standard Range<br/>NEGATIVE</i> |
| <b>Amphiphysin Ab, IFA</b> | <b>Your Value<br/>NEGATIVE</b> | <i>Standard Range<br/>NEGATIVE</i> |
| <b>CRMPS/CV2 AB, IFA</b>   | <b>Your Value<br/>NEGATIVE</b> | <i>Standard Range<br/>NEGATIVE</i> |

If specific neuronal autoantibodies were not detected, it does not exclude an idiopathic or paraneoplastic autoimmune neurological disease. In particular, autoantibodies to neuronal cell surface antigens (i.e. AQ4, Ampar 1, AMPAR 2, GABA<sub>B</sub>R, NMDAR, LGI-1, CASPR2) may not be detected by screening whole tissue by IFA. Cell based assays (CBA) testing are considered to be more sensitive for the detection of these autoantibodies. If clinically indicated, testing for individual autoantibodies or with other autoimmune neurological disease panels is available. For further information refer to the Quest autoimmune neurology website (<https://testdirectory.questdiagnostics.com/test/test-guides/CF-Paraneoplastic-Syndromes/paraneoplastic-neurological-syndromes-laboratory-support-of-diagnosis>)

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute San Juan Capistrano. It has not been cleared or approved by FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

|                                                                                                                                                                                                                                                                                                              |                                |                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------------------------------|
| <b>Striated Muscle Ab Screen</b>                                                                                                                                                                                                                                                                             | <b>Your Value<br/>NEGATIVE</b> | <i>Standard Range<br/>NEGATIVE</i> |
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| Component                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Your Value                                  | Standard Range                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------------------------|
| <b>VGCC Type P/Q Ab</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Your Value</b><br><b>&lt;30 pmol/L</b>   | <i>Standard Range</i><br><i>&lt;30 pmol/L</i> |
| <b>Voltage Gated Potassium Channel (VGKC) Ab</b>                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Your Value</b><br><b>&lt;80 pmol/L</b>   | <i>Standard Range</i><br><i>&lt;80 pmol/L</i> |
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| <b>Acetylcholine Receptor Ganglionic (Alpha 3) Ab</b>                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Your Value</b><br><b>&lt;55 pmol/L</b>   | <i>Standard Range</i><br><i>&lt;55 pmol/L</i> |
| <p>Reference Ranges for<br/>Acetylcholine Receptor<br/>Ganglionic Antibody:</p> <p>Negative: &lt;55 pmol/L<br/>Borderline: 55-160 pmol/L<br/>Positive: &gt;160 pmol/L</p> <p>This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute San Juan Capistrano. It has not been cleared or approved by FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.</p> |                                             |                                               |
| <b>Voltage Gated Calcium Channel (VGCC) Type N Ab</b>                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Your Value</b><br><b>&lt;54 pmol/L</b>   | <i>Standard Range</i><br><i>&lt;54 pmol/L</i> |
| <p>This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute San Juan Capistrano. It has not been cleared or approved by FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.</p>                                                                                                                                                                           |                                             |                                               |
| <b>Acetylcholine Receptor Binding Antibody</b>                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Your Value</b><br><b>&lt;0.30 nmol/L</b> | <i>Standard Range</i><br><i>nmol/L</i>        |
| <p>Reference Ranges for Acetylcholine Receptor<br/>Binding Antibody:</p>                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                               |

| Component                   | Your Value | Standard Range |
|-----------------------------|------------|----------------|
| Negative: < or =0.30 nmol/L |            |                |
| Equivocal: 0.31-0.49 nmol/L |            |                |
| Positive: > or =0.50 nmol/L |            |                |

General Information

Ordered by Paul L. Grindstaff

Collected on 06/10/2022 1:55 PM from Venous (Blood)

Resulted on 06/29/2022 6:05 PM

Result Status: Final result

This test result has been released by an automatic process.

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