**ARUP** Laboratories
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*****Example Report*****

Patient Age/Gender: Unknown Unknown
Printed: 25-Jun-20 08:08:16

| Procedure | Result | Units | Ref Interval | Accession | Collected | Received | Reported/ Verified |
|---|---|---|---|---|---|---|---|
| Neuronal Antibody (Amphiphysin) | **High Positive *** | | [Negative] | 20-169-900121 | 17-Jun-20 11:52:00 | 17-Jun-20 11:52:00 | 17-Jun-20 12:13:09 |
| Purkinje Cell/Neuronal Nuclear IgG Scrn | **ANNA Detected *f** | | [None Detected] | 20-169-900121 | 17-Jun-20 11:52:00 | 17-Jun-20 11:52:00 | 17-Jun-20 12:13:09 |
| Neuronal Nuclear Ab (ANNA) IFA Titer IgG | **1:80 *** | | [<1:10] | 20-169-900121 | 17-Jun-20 11:52:00 | 17-Jun-20 11:52:00 | 17-Jun-20 12:13:09 |
| CV2.1 Antibody IgG Screen by IFA | **Detected *** | | [<1:10] | 20-169-900121 | 17-Jun-20 11:52:00 | 17-Jun-20 11:52:00 | 17-Jun-20 12:13:09 |
| CV2.1 Antibody IgG Titer by IFA | **1:160 *** | | [<1:10] | 20-169-900121 | 17-Jun-20 11:52:00 | 17-Jun-20 11:52:00 | 17-Jun-20 12:14:11 |
| Neuronal Nuclear Ab (Hu) IgG, IB, Serum | **High Positive *** | | [Negative] | 20-169-900121 | 17-Jun-20 11:52:00 | 17-Jun-20 11:52:00 | 17-Jun-20 12:13:09 |
| Neuronal Nuclear Ab (Ri) IgG, IB, Serum | **High Positive *** | | [Negative] | 20-169-900121 | 17-Jun-20 11:52:00 | 17-Jun-20 11:52:00 | 17-Jun-20 12:13:09 |
| Neuronal Nuclear Ab (Yo) IgG, IB, Serum | **High Positive *** | | [Negative] | 20-169-900121 | 17-Jun-20 11:52:00 | 17-Jun-20 11:52:00 | 17-Jun-20 12:13:09 |
| Neuronal Nuclear Ab (TR/DNER) IgG, IB | **Low Positive *** | | [Negative] | 20-169-900121 | 17-Jun-20 11:52:00 | 17-Jun-20 11:52:00 | 17-Jun-20 12:13:09 |
| SOX1 Antibody, IgG by Immunoblot, Serum | **Positive *** | | [Negative] | 20-169-900121 | 17-Jun-20 11:52:00 | 17-Jun-20 11:52:00 | 17-Jun-20 12:13:09 |

17-Jun-20 11:52:00 CV2.1 Antibody IgG Screen by IFA
CV2.1 Antibody, IgG is detected. Titer results to follow. Additional charges apply.

17-Jun-20 11:52:00 Purkinje Cell/Neuronal Nuclear IgG Scrn:

Antibodies detected, therefore IFA titer and Immunoblot testing to be performed.

17-Jun-20 11:52:00 Neuronal Antibody (Amphiphysin):
INTERPRETIVE INFORMATION: Amphiphysin Antibody, IgG

Amphiphysin antibody is present in about 5 percent of patients with stiff-person syndrome and is found variably in other cases of paraneoplastic neurological syndrome (PNS). Amphiphysin antibody is mainly associated with small-cell lung cancer and breast tumors.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement D: aruplab.com/CS

17-Jun-20 11:52:00 Purkinje Cell/Neuronal Nuclear IgG Scrn:
INTERPRETIVE INFORMATION: Purkinje Cell/Neuronal Nuclear IgG Scrn

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement D: aruplab.com/CS

17-Jun-20 11:52:00 Neuronal Nuclear Ab (ANNA) IFA Titer IgG:
INTERPRETIVE INFORMATION: Neuronal Nuclear Ab (ANNA) IFA Titer IgG

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement D: aruplab.com/CS

17-Jun-20 11:52:00 CV2.1 Antibody IgG Screen by IFA:
INTERPRETIVE INFORMATION: CV2.1 Antibody IgG Screen by IFA

CV2.1 antibodies aid in discriminating between chronic paraneoplastic neurological disorder (PND) and other inflammatory disorders of the nervous system. Anti-CV2.1 is associated with small-cell lung cancer and thymoma.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement D: aruplab.com/CS

17-Jun-20 11:52:00 CV2.1 Antibody IgG Titer by IFA:
INTERPRETIVE INFORMATION: CV2.1 Antibody IgG Titer by IFA

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement D: aruplab.com/CS

17-Jun-20 11:52:00 Neuronal Nuclear Ab (Hu) IgG, IB, Serum:
INTERPRETIVE INFORMATION: Neuronal Nuclear Ab IgG,
Immunoblot, Ser
This test detects IgG antineuronal antibodies to Hu, Ri, Yo and Tr (DNER) antigens.

Antineuronal antibodies serve as markers that aid in discriminating between a true paraneoplastic neurological disorder (PND) and other inflammatory disorders of the nervous system. Anti-Hu (antineuronal nuclear antibody, type I) is associated with small-cell lung cancer. Anti-Ri (antineuronal nuclear antibody, type II) is associated with neuroblastoma in children and with fallopian tube and breast cancer in adults. Anti-Yo (anti-Purkinje cell cytoplasmic antibody) is associated with ovarian and breast cancer. Anti-Tr(DNER) is associated with Hodgkin’s lymphoma.

The presence of one or more of these antineuronal antibodies supports a clinical diagnosis of PND and should lead to a focused search for the underlying neoplasm.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement D: aruplab.com/CS

17-Jun-20 11:52:00 Neuronal Nuclear Ab (Ri) IgG, IB, Serum:
INTERPRETIVE INFORMATION: Neuronal Nuclear Ab (Ri) IgG, IB,
Serum
Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement D: aruplab.com/CS

17-Jun-20 11:52:00 Neuronal Nuclear Ab (Yo) IgG, IB, Serum:
INTERPRETIVE INFORMATION: Neuronal Nuclear Ab (Yo) IgG, IB,
Serum
Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement D: aruplab.com/CS

17-Jun-20 11:52:00 Neuronal Nuclear Ab (TR/DNER) IgG, IB:
INTERPRETIVE INFORMATION: Neuronal Nuclear Ab (TR/DNER)
IgG, IB

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement D: aruplab.com/CS

17-Jun-20 11:52:00 SOX1 Antibody, IgG by Immunoblot, Serum:
INTERPRETIVE INFORMATION: SOX1 Antibody, IgG by Immunoblot, Serum
SOX1 antibody is detected in patients with Lambert-Eaton myasthenic syndrome (LEMS) and in patients with paraneoplastic cerebellar degeneration (PCD), paraneoplastic and nonparaneoplastic neuropathy. SOX1 antibody is associated with small cell lung cancer. A negative test result does not rule out a diagnosis of LEMS or other causes of paraneoplastic neurological syndrome.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement D: aruplab.com/CS