ARUP LABORATORIES
800-522-2787 | aruplab.com
500 Chipeta Way, Salt Lake City, UT 84108-1221
Jonathan R. Genzen, MD, PhD, Chief Medical Officer

Client: Example Client ABC123
123 Test Drive
Salt Lake City, UT 84108
UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB	8/10/1969
Gender:	Male
Patient Identifiers:	01234567890ABCD, 012345
Visit Number (FIN):	01234567890ABCD
Collection Date:	00/00/0000 00:00

Neuronal Nuclear Antibodies (Hu, Ri, Yo, Tr/DNER) IgG by Immunoblot, Serum
ARUP test code 3002917

Neuronal Nuclear Ab (Hu) IgG, IB, Serum   Negative   (Ref Interval: Negative)

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.

This test was developed and its performance characteristics
determined by ARUP Laboratories. It has not been cleared or
approved by the US Food and Drug Administration. This test was
performed in a CLIA certified laboratory and is intended for
clinical purposes.

Neuronal Nuclear Ab (Ri) IgG, IB, Serum   Negative   (Ref Interval: Negative)

INTERPRETIVE INFORMATION: Neuronal Nuclear Ab (Ri) IgG, IB,
                          Serum
This test was developed and its performance characteristics
determined by ARUP Laboratories. It has not been cleared or
approved by the US Food and Drug Administration. This test was
performed in a CLIA certified laboratory and is intended for
clinical purposes.

Neuronal Nuclear Ab (Yo) IgG, IB, Serum   **Positive**   *   **(Ref Interval: Negative)**

INTERPRETIVE INFORMATION: Neuronal Nuclear Ab (Yo) IgG, IB,
                          Serum
This test was developed and its performance characteristics
determined by ARUP Laboratories. It has not been cleared or
approved by the US Food and Drug Administration. This test was
performed in a CLIA certified laboratory and is intended for
clinical purposes.

Neuronal Nuclear Ab (TR/DNER) IgG, IB   Negative   (Ref Interval: Negative)

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

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500 Chipeta Way, Salt Lake City, UT 84108-1221
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 23-355-132360
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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Jonathan R. Genzen, MD, PhD, Chief Medical Officer

Patient Report |**FINAL**

INTERPRETIVE INFORMATION: Neuronal Nuclear Ab (TR/DNER)
IgG, IB
This test was developed and its performance characteristics
determined by ARUP Laboratories. It has not been cleared or
approved by the US Food and Drug Administration. This test was
performed in a CLIA certified laboratory and is intended for
clinical purposes.

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Neuronal Nuclear Ab (Hu) IgG, IB, Serum	23-355-132360	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Neuronal Nuclear Ab (Ri) IgG, IB, Serum	23-355-132360	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Neuronal Nuclear Ab (Yo) IgG, IB, Serum	23-355-132360	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Neuronal Nuclear Ab (TR/DNER) IgG, IB	23-355-132360	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

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Patient: Patient, Example
ARUP Accession: 23-355-132360
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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