

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 7/16/1955  
**Sex:** Female  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 01/01/2017 12:34

**PCCA/ANNA by IFA with Reflex to Titer and Immunoblot**

ARUP test code 2007961

Purkinje Cell/Neuronal Nuclear IgG Scrn **PCCA Detected \* (Ref Interval: None Detected)**

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

INTERPRETIVE INFORMATION: Purkinje Cell/Neuronal Nuclear IgG Scrn

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.

**Purkinje Cell Antibody, Titer (Do NOT give this test code to clients - Panel Component ONLY. Refer to 2007961 PCCA/ANNA)**

ARUP test code 0059441

Purkinje Cell Antibody Titer IgG **>1:2560 H (Ref Interval: <1:10)**

INTERPRETIVE INFORMATION: Purkinje Cell Ab Titer, IgG

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 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

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

Unless otherwise indicated, testing performed at:

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

Patient: Patient, Example  
ARUP Accession: 21-265-116159  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
Page 1 of 2 | Printed: 9/29/2022 2:17:44 PM

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

Neuronal Nuclear Ab (Ri) IgG, IB, Serum

Negative (Ref Interval: Negative)  
INTERPRETIVE INFORMATION: Neuronal Nuclear Ab (Ri) IgG, IB, Serum  
Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement D: aruplab.com/CS

Neuronal Nuclear Ab (Yo) IgG, IB, Serum

**High Positive** \* (Ref Interval: Negative)  
INTERPRETIVE INFORMATION: Neuronal Nuclear Ab (Yo) IgG, IB, Serum  
Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement D: aruplab.com/CS

Neuronal Nuclear Ab (TR/DNER) IgG, IB

Negative (Ref Interval: Negative)  
INTERPRETIVE INFORMATION: Neuronal Nuclear Ab (TR/DNER) IgG, IB  
Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement D: aruplab.com/CS

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Purkinje Cell Antibody Titer IgG	21-265-116159	9/22/2021 3:32:00 AM	9/29/2021 5:08:08 PM	9/29/2021 5:38:00 PM
Purkinje Cell/Neuronal Nuclear IgG Scrn	21-265-116159	9/22/2021 3:32:00 AM	9/23/2021 3:53:31 PM	9/29/2021 5:38:00 PM
Neuronal Nuclear Ab (Hu) IgG, IB, Serum	21-265-116159	9/22/2021 3:32:00 AM	9/29/2021 5:08:08 PM	9/30/2021 5:51:00 PM
Neuronal Nuclear Ab (Ri) IgG, IB, Serum	21-265-116159	9/22/2021 3:32:00 AM	9/29/2021 5:08:08 PM	9/30/2021 5:51:00 PM
Neuronal Nuclear Ab (Yo) IgG, IB, Serum	21-265-116159	9/22/2021 3:32:00 AM	9/29/2021 5:08:08 PM	9/30/2021 5:51:00 PM
Neuronal Nuclear Ab (TR/DNER) IgG, IB	21-265-116159	9/22/2021 3:32:00 AM	9/29/2021 5:08:08 PM	9/30/2021 5:51:00 PM

END OF CHART

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

Unless otherwise indicated, testing performed at:

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

Patient: Patient, Example  
ARUP Accession: 21-265-116159  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
Page 2 of 2 | Printed: 9/29/2022 2:17:44 PM