



Procedure	Result	Units	Ref Interval	Accession	Collected	Received	Reported/Verified
MAG Antibody, IgM Elisa	<b>1200 H</b>	TU	[0-999]	20-169-900110	17-Jun-20 11:44:00	17-Jun-20 11:44:00	17-Jun-20 12:10:55
SGPG Antibody, IgM	<b>25.00 H</b>	IV	[0.00-0.99]	20-169-900110	17-Jun-20 11:44:00	17-Jun-20 11:44:00	17-Jun-20 12:10:55
Purkinje Cell/Neuronal Nuclear IgG Scrn	<b>ANNA Detected *f</b>		[None Detected]	20-169-900110	17-Jun-20 11:44:00	17-Jun-20 11:44:00	17-Jun-20 12:10:55
Neuronal Nuclear Ab (ANNA) IFA Titer IgG	<b>1:80 *</b>		[<1:10]	20-169-900110	17-Jun-20 11:44:00	17-Jun-20 11:44:00	17-Jun-20 12:10:55
Neuronal Nuclear Ab (Hu) IgG, IB, Serum	<b>Positive *</b>		[Negative]	20-169-900110	17-Jun-20 11:44:00	17-Jun-20 11:44:00	17-Jun-20 12:10:55
Neuronal Nuclear Ab (Ri) IgG, IB, Serum	<b>Positive *</b>		[Negative]	20-169-900110	17-Jun-20 11:44:00	17-Jun-20 11:44:00	17-Jun-20 12:10:55
Neuronal Nuclear Ab (Yo) IgG, IB, Serum	<b>Positive *</b>		[Negative]	20-169-900110	17-Jun-20 11:44:00	17-Jun-20 11:44:00	17-Jun-20 12:10:55
Neuronal Nuclear Ab (TR/DNER) IgG, IB	<b>Positive *</b>		[Negative]	20-169-900110	17-Jun-20 11:44:00	17-Jun-20 11:44:00	17-Jun-20 12:10:55

17-Jun-20 11:44:00 Purkinje Cell/Neuronal Nuclear IgG Scrn:

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

17-Jun-20 11:44:00 MAG Antibody, IgM Elisa:  
 INTERPRETIVE INFORMATION: MAG Antibody, IgM ELISA

An elevated IgM antibody concentration greater than 999 TU against myelin-associated glycoprotein (MAG) suggests active demyelination in peripheral neuropathy. A normal concentration (less than 999 TU) generally rules out an anti-MAG antibody-associated peripheral neuropathy.

TU=Titer Units

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

17-Jun-20 11:44:00 SGPG Antibody, IgM:  
 INTERPRETIVE INFORMATION: SGPG Antibody, IgM

The majority of sulfate-3-glucuronyl paragloboside (SGPG) IgM-positive sera will show reactivity against MAG. Patients who are SGPG IgM positive and MAG IgM negative may have multi-focal motor neuropathy with conduction block.

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

17-Jun-20 11:44:00 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 11:44:00 Neuronal Nuclear Ab (ANNA) IFA Titer IgG:  
 INTERPRETIVE INFORMATION: Neuronal Nuclear Ab (ANNA) IFA Titer IgG

\* Abnormal, # = Corrected, C = Critical, f = Footnote, H = High, L = Low, t = Interpretive Text, @ = Reference Lab

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

17-Jun-20 11:44:00 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 11:44:00 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 11:44:00 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 11:44:00 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