

3004070

Autoimmune Neurologic Disease Reflexive Panel, Serum

NEURO R3

Specimen Required: Collect: Serum Separator Tube (SST)

Specimen Preparation: Separate from cells ASAP or within 2 hours of collection. Transfer three 1 mL serum aliquots to ARUP Standard Transport Tubes. (Min: 0.5 mL/aliquot)

Storage/Transport Temperature: Frozen

Unacceptable Conditions: Amniotic fluid, ocular fluid, peritoneal fluid, synovial fluid, CSF, or plasma. Contaminated, hemolyzed, icteric, or lipemic specimens.

Stability (collection to initiation of testing): After separation from cells: Ambient: 24 hours; Refrigerated: 1 week; Frozen: 30 days (avoid repeated freeze/thaw cycles)

Reference Interval:

Test Number	Components	Reference Interval		
2004221	N-methyl-D-Aspartate Receptor Antibody, IgG, Serum with Reflex to Titer	Less than 1:10		
2001771	Glutamic Acid Decarboxylase Antibody	0.0-5.0 IU/mL		
2013956	CV2.1 Screen by IFA with Reflex to Titer	Less than 1:10		
2004890	Voltage-Gated Potassium Channel (VGKC) Antibody, Serum	Negative	31 pmol/L or less	
		Indeterminate	32-87 pmol/L	
		Positive	88 pmol/L or greater	
2007961	PCCA/ANNA by IFA with Reflex to Titer and Immunoblot	Effective August 17, 2020		
		Test Number	Components	Reference Interval
			Purkinje Cell/Neuronal Nuclear IgG Scrn	None Detected
			Neuronal Nuclear Antibody (ANNA) IFA Titer, IgG	Less than 1:10
			Purkinje Cell Antibody, Titer	Less than 1:10
		3002917	Neuronal Nuclear Antibodies (Hu, Ri, Yo, Tr/DNER) IgG by Immunoblot, Serum	Refer to report
2008893	Amphiphysin Antibody, IgG	Negative		
2013320	Aquaporin-4 Receptor Antibody, IgG by IFA with Reflex to Titer, Serum	Less than 1:10		
2009456	Leucine-Rich, Glioma-Inactivated Protein 1 Antibody, IgG with Reflex to Titer, Serum	Less than 1:10		
2009452	Contactin-Associated Protein-2 Antibody, IgG with Reflex to Titer, Serum	Less than 1:10		
0080009	Acetylcholine Receptor Binding Antibody	Negative	0.0-0.4 nmol/L	
		Positive	0.5 nmol/L or greater	
3001260	Alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionic Acid (AMPA) Receptor Antibody, IgG by IFA with Reflex to Titer, Serum	Less than 1:10		
3001270	Gamma Aminobutyric Acid Receptor, Type B (GABA-BR) Antibody, IgG by IFA with Reflex to Titer, Serum	Less than 1:10		
3001277	Myelin Oligodendrocyte Glycoprotein (MOG) Antibody, IgG by IFA with Reflex to Titer, Serum	Less than 1:10		
3002885	SOX1 Antibody, IgG by Immunoblot, Serum	Negative		
0092628	P/Q-Type Voltage-Gated Calcium Channel (VGCC) Antibody	Effective November 14, 2011		
		Negative	0.0 to 24.5 pmol/L	
		Indeterminate	24.6 to 45.6 pmol/L	
		Positive	45.7 pmol/L or greater	
3003020	Ganglionic Acetylcholine Receptor Antibody	Negative	0.0 - 8.4 pmol/L	
		Indeterminate	8.5 - 11.6 pmol/L	
		Positive	11.7 pmol/L or greater	
3004359	Dipeptidyl aminopeptidase-like protein 6 (DPPX) antibody, IgG by IFA with reflex to Titer, Serum	Less than 1:10		

HOTLINE: Effective November 15, 2021

Note: If N-methyl-D-Aspartate Receptor Antibody is positive, then titer will be performed. Additional charges apply.

If CV2.1 Antibody IgG Screen by IFA is positive, then titer will be performed and **Acetylcholine Receptor Binding Antibody will be added**. Additional charges apply.

If Aquaporin-4 Receptor Antibody, IgG by IFA with Reflex to Titer, Serum is positive, then titer will be performed. Additional charges apply.

Purkinje Cell (PCCA) antibody and Neuronal Nuclear (ANNA) antibody IgG are screened by IFA. If the IFA screen is indeterminate, then a Neuronal Nuclear Antibodies (Hu, Ri, Yo, and Tr/DNER) IgG by Immunoblot will be performed. If the IFA screen is positive at 1:10 or greater, then a PCCA/ANNA antibodies titer and Neuronal Nuclear Antibodies (Hu, Ri, Yo, Tr/DNER) IgG by Immunoblot will be performed. Additional charges apply.

If Leucine-Rich, Glioma-Inactivated Protein 1 Antibody, IgG with Reflex to Titer, Serum is positive, then Leucine-Rich, Glioma-Inactivated Protein 1 Antibody Titer, IgG by IFA, Serum will be performed. Additional charges apply.

If Contactin-Associated Protein-2 Antibody, IgG with Reflex to Titer, Serum is positive, then Contactin-Associated Protein-2 Antibody Titer, IgG by IFA, Serum will be performed. Additional charges apply.

If Alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionic Acid (AMPA) Receptor Antibody, IgG by IFA with Reflex to Titer, Serum is positive, then an Alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionic Acid (AMPA) Receptor Antibody Titer, IgG, Serum will be performed. Additional charges apply.

If Gamma Aminobutyric Acid Receptor, Type B (GABA-BR) Antibody, IgG by IFA with Reflex to Titer, Serum is positive, then a Gamma Aminobutyric Acid Receptor, Type B (GABA-BR) Antibody Titer, IgG, Serum will be performed. Additional charges apply.

If Myelin Oligodendrocyte Glycoprotein (MOG) Antibody, IgG by IFA with Reflex to Titer, Serum is positive, then a Myelin Oligodendrocyte Glycoprotein (MOG) Antibody Titer, IgG will be performed. Additional charges apply.

If Dipeptidyl aminopeptidase-like protein 6 (DPPX) antibody, IgG by IFA with reflex to Titer, Serum is positive, then a Dipeptidyl aminopeptidase-like protein 6 (DPPX) antibody Titer, IgG will be performed. Additional charges apply.

CPT Code(s): 83519 x3; 84182 x2; 86255 x10; 86341; if reflexed, additional CPT codes may apply: 86256; 83519; 84182 x4

HOTLINE NOTE: There is a component change associated with this test.

Add component 0092629, P/Q-Type Calcium Channel Antibody

Add component 3003019, Ganglionic Acetylcholine Receptor Ab

Add component 3004361, DPPX Ab IgG CBA IFA Screen, Serum

Remove component 080009, Acetylcholine Binding Antibody

There is a reflexive pattern change associated with this test.

Add reflex to 0080009, Acetylcholine Binding Antibody

Add reflex to 3004360, Dipeptidyl Aminopeptidase-Like Protein 6 (DPPX) Antibody Titer, IgG by IFA, Serum (Reflex for 3004359 DPPX SER Only - Not Orderable by Clients)