

## ARUP AUTOIMMUNE NEUROLOGY SERUM PANEL COMPONENTS

Test Name (Test Number)	Cell Surface and Synaptic Antibodies																				Intracellular Antibodies											
	AChR Binding	AChR Blocking	AChR Modulating	AMPA	AQP4	CASPR2	DPPX	GABA-AR	GABA-BR	Ganglionic AChR	IgLON5	LGII	mGluR1	MOG	NMDAR	N-VGCC	P/Q-VGCC	PCCA-Tr/DNER	Striational	Titin	VGKC	Amphiphysin	ANNA-1 (Hlu)	ANNA-2 (Fi)	CV2.1 (CRMP-5)	GAD65	ITPR1	PCCA-1 (Yo)	SOX1 (AGNA)	TAT (days)		
Autoimmune Neurologic Disease Panel with Reflex, Serum (3006051) <sup>b</sup>	✓ <sup>a</sup>			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	3-10
Autoimmune Encephalopathy/Dementia Panel, Serum (3006201) <sup>b</sup>				✓		✓	✓		✓		✓	✓	✓		✓			✓				✓	✓	✓	✓	✓		✓	✓		✓	3-10
Autoimmune Epilepsy Panel, Serum (3006204) <sup>b</sup>				✓		✓	✓	✓	✓			✓	✓		✓			✓				✓	✓	✓	✓	✓		✓	✓		✓	3-10
Autoimmune Movement Disorder Panel, Serum (3006206) <sup>b</sup>				✓		✓	✓	✓	✓		✓	✓	✓		✓		✓	✓				✓	✓	✓	✓	✓	✓	✓	✓		✓	3-10
Autoimmune Pediatric CNS Disorders, Serum (3006210) <sup>b</sup>					✓	✓	✓	✓	✓			✓	✓	✓	✓			✓					✓		✓							3-10
Autoimmune Myelopathy Panel, Serum (3006208) <sup>b</sup>					✓		✓		✓				✓	✓				✓				✓	✓	✓	✓	✓		✓	✓		✓	3-10
Autoimmune Dysautonomia Panel, Serum (3006203)						✓	✓			✓		✓											✓		✓							3-10
Autoimmune Stiff-Person Disorders, Serum (3006234) <sup>b</sup>							✓															✓			✓							3-10
Autoimmune Encephalitis Extended Panel, Serum (3006050) <sup>b</sup>				✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓						✓				✓							3-10
Paraneoplastic Reflexive Panel (3002929) <sup>b</sup>																		✓				✓	✓	✓	✓			✓	✓			1-9
Autoimmune Neuromuscular Junction Reflexive Panel (3003017)	✓	✓	✓ <sup>a</sup>							✓						✓	✓		✓	✓	✓											2-8
Autoimmune CNS Demyelinating Disease Reflexive Panel (3001283)					✓									✓																		1-6

<sup>a</sup>Reflex.

<sup>b</sup>Complementary CSF panel available.

AChR, acetylcholine receptor; AGNA-1, antiglial nuclear antibody type 1 (targets SOX1); AMPAR, alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid receptor; ANNA, antinuclear neuronal antibody; AQP4, aquaporin-4; CASPR2, contactin-associated protein 2; CRMP-5, collapsin response-mediator protein 5; CSF, cerebrospinal fluid; DPPX, dipeptidyl-peptidase-like protein; GABA-AR, gamma-aminobutyric acid type A receptor; GABA-BR, gamma-aminobutyric acid type B receptor; GAD65, glutamic acid decarboxylase 65-kd isoform; IgLON5, IgLON family member 5; ITPR1, inositol 1,4,5-trisphosphate receptor type 1; LGII, leucine-rich, glioma-inactivated 1; mGluR1, metabotropic glutamate receptor 1; MOG, myelin oligodendrocyte glycoprotein; NMDAR, N-methyl-D-aspartate receptor; PCCA-1, Purkinje cell cytoplasmic antibody type 1; PCCA-Tr, Purkinje cell cytoplasmic antibody Tr; TAT, turnaround time; VGCC, voltage-gated calcium channel; VGKC, voltage-gated potassium channel

## ARUP AUTOIMMUNE NEUROLOGY CSF PANEL COMPONENTS

Test Name (Test Number)	Cell Surface and Synaptic Antibodies												Intracellular Antibodies								
	AMPA	AQP4	CASPR2	DPPX	GABA-AR	GABA-BR	IgLON5	LG11	mGluR1	NMDAR	PCCA-Tr/DNER	VGKC	Amphiphysin	ANNA-1 (Hu)	ANNA-2 (Fi)	CV2.1 (CRMP-5)	GAD65	ITPR1	PCCA-1 (Yo)	SOX1 (AGNA)	TAT (days)
Autoimmune Neurologic Disease Panel With Reflex, CSF (3006052) <sup>b</sup>	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	3-10
Autoimmune Encephalopathy/Dementia Panel, CSF (3006202) <sup>b</sup>	✓		✓	✓		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	3-10
Autoimmune Epilepsy Panel, CSF (3006205) <sup>b</sup>	✓		✓	✓	✓	✓		✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	✓	3-10
Autoimmune Movement Disorder Panel, CSF (3006207) <sup>b</sup>	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	3-10
Autoimmune Pediatric CNS Disorders, CSF (3006211) <sup>b</sup>		✓	✓	✓	✓	✓		✓	✓	✓	✓			✓			✓				3-10
Autoimmune Myelopathy Panel, CSF (3006209) <sup>b</sup>		✓		✓		✓			✓		✓		✓	✓	✓	✓	✓		✓	✓	3-10
Autoimmune Stiff-Person Disorders, CSF (3006235) <sup>b</sup>				✓									✓				✓				3-10
Autoimmune Encephalitis Reflex Panel, CSF (3006049) <sup>b</sup>	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓						✓				3-10
Paraneoplastic Reflexive Panel, CSF (3004517) <sup>b</sup>											✓		✓	✓	✓				✓	✓	1-9

<sup>a</sup>Reflex.

<sup>b</sup>Complementary serum panel available.

AGNA-1, antiglial nuclear antibody type 1 (targets SOX1); AMPAR, alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid receptor; ANNA, antinuclear neuronal antibody; AQP4, aquaporin-4; CASPR2, contactin-associated protein 2; CRMP-5, collapsin response-mediator protein 5; CSF, cerebrospinal fluid; DPPX, dipeptidyl-peptidase-like protein; GABA-AR, gamma-aminobutyric acid type A receptor; GABA-BR, gamma-aminobutyric acid type B receptor; GAD65, glutamic acid decarboxylase 65-kd isoform; IgLON5, IgLON family member 5; ITPR1, inositol 1,4,5-trisphosphate receptor type 1; LG11, leucine-rich, glioma-inactivated 1; mGluR1, metabotropic glutamate receptor 1; NMDAR, N-methyl-D-aspartate receptor; PCCA-1, Purkinje cell cytoplasmic antibody type 1; PCCA-Tr, Purkinje cell cytoplasmic antibody Tr; TAT, turnaround time; VGKC, voltage-gated potassium channel