

Reporting Title: Dementia Autoimmune Eval, S
Performing Location: Rochester

Specimen Requirements:

Container/Tube:

Preferred: Red top

Acceptable: Serum gel

Specimen Volume: 4 mL

Additional Information: Include relevant clinical information, name, phone number, mailing address, and e-mail address (if applicable) of ordering physician.

Forms: If not ordering electronically, submit a General Request Form (Supply T239) with the specimen.

Specimen Type	Temperature	Time
Serum	Refrigerated (preferred)	28 days
	Frozen	28 days
	Ambient	72 hours

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
34255	Dementia, Interpretation, S	Alphanumeric		In Process
61516	NMDA-R Ab CBA, S Also used by tests: NMDCS	Alphanumeric		In Process
89165	Neuronal (V-G) K+ Channel Ab, S	Numeric	nmol/L	41871-5
81596	GAD65 Ab Assay, S Also used by tests: GD65S	Numeric	nmol/L	30347-9
61519	GABA-B-R Ab CBA, S Also used by tests: GABCS	Alphanumeric		In Process
61518	AMPA-R Ab CBA, S Also used by tests: AMPCS	Alphanumeric		In Process
80150	ANNA-1, S	Alphanumeric	titer	13997-2
36349	Reflex Added	Alphanumeric		In Process
80776	ANNA-2, S	Alphanumeric	titer	43188-2
83137	ANNA-3, S	Alphanumeric	titer	33924-2

Result ID	Reporting Name	Type	Unit	LOINC®
89080	AGNA-1, S	Alphanumeric	titer	53709-2
83138	PCA-2, S	Alphanumeric	titer	33925-9
83076	PCA-Tr, S	Alphanumeric	titer	33926-7
81722	Amphiphysin Ab, S	Alphanumeric	titer	33927-5
81184	N-Type Calcium Channel Ab	Numeric	nmol/L	33979-6
81185	P/Q-Type Calcium Channel Ab	Numeric	nmol/L	33980-4
8338	ACh Receptor (Muscle) Binding Ab Also used by tests: ARBI	Numeric	nmol/L	11034-6
84321	AChR Ganglionic Neuronal Ab, S	Numeric	nmol/L	42233-7
83077	CRMP-5-IgG, S	Alphanumeric	titer	35386-2

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
ADMSI	Dementia, Interpretation, S			Yes	No
NMDCS	NMDA-R Ab CBA, S	1	86255	Yes	No
VGKC	Neuronal (V-G) K+ Channel Ab, S	1	83519	Yes	No
GD65S	GAD65 Ab Assay, S	1	86341	Yes	Yes
GABCS	GABA-B-R Ab CBA, S	1	86255	Yes	No
AMPCS	AMPA-R Ab CBA, S	1	86255	Yes	No
ANN1S	Anti-Neuronal Nuclear Ab, Type 1	1	86256	Yes	No
ANN2S	Anti-Neuronal Nuclear Ab, Type 2	1	86256	Yes	No
ANN3S	Anti-Neuronal Nuclear Ab, Type 3	1	86256	Yes	No
AGN1S	Anti-Glial Nuclear Ab, Type 1	1	86256	Yes	No
PCAB2	Purkinje Cell Cytoplasmic Ab Type 2	1	86256	Yes	No
PCATR	Purkinje Cell Cytoplasmic Ab Type Tr	1	86256	Yes	No
AMPHS	Amphiphysin Ab, S	1	86256	Yes	No
CCN	N-Type Calcium Channel Ab	1	83519	Yes	No
CCPQ	P/Q-Type Calcium Channel Ab	1	83519	Yes	No
ARBI	ACh Receptor (Muscle) Binding Ab	1	83519	Yes	Yes

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
GANG	AChR Ganglionic Neuronal Ab, S	1	83519	Yes	No
CRMS	CRMP-5-IgG, S	1	86256	Yes	No

Reflex Tests:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
WBN	Paraneoplastic Autoantibody WBlot,S	1	84182	No	No
CRMWS	CRMP-5-IgG Western Blot, S	1	84182	No	No
ABLOT	Amphiphysin Western Blot, S	1	84182	No	No
NMOCS	NMO/AQP4-IgG CBA, S	1	86255	No	Yes
AMPIS	AMPA-R Ab IF Titer Assay, S	1	86256	No	No
GABIS	GABA-B-R Ab IF Titer Assay, S			No	No
NMDIS	NMDA-R Ab IF Titer Assay, S	1	86256	No	No
PCABP	Purkinje Cell Cytoplasmic Ab Type 1	1	86256	No	No

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
WBN	83108	Paraneoplastic Autoantibody WBlot,S	Alphanumeric		34142-0
CRMWS	83107	CRMP-5-IgG Western Blot, S	Alphanumeric		47401-5
ABLOT	89381	Amphiphysin Western Blot, S	Alphanumeric		33422-7
NMOCS	61715	NMO/AQP4-IgG CBA, S	Alphanumeric		In Process
AMPIS	61504	AMPA-R Ab IF Titer Assay, S	Alphanumeric	titer	In Process
GABIS	61505	GABA-B-R Ab IF Titer Assay, S	Alphanumeric	titer	In Process
NMDIS	61497	NMDA-R Ab IF Titer Assay, S	Alphanumeric	titer	In Process
PCABP	9477	PCA-1, S	Alphanumeric	titer	53717-5

Reference Values:

NEURONAL NUCLEAR ANTIBODIES

Antineuronal Nuclear Ab, Type 1 (ANNA-1)
<1:240
Antineuronal Nuclear Ab, Type 2 (ANNA-2)
<1:240
Antineuronal Nuclear Ab, Type 3 (ANNA-3)
<1:240
Anti-Glial/Neuronal Nuclear Ab, Type 1 (AGNA-1)
<1:240

NEURONAL AND MUSCLE CYTOPLASMIC ANTIBODIES

Purkinje Cell Cytoplasmic Ab, Type1 (PCA-1)
<1:240
Purkinje Cell Cytoplasmic Ab, Type 2 (PCA-2)
<1:240
Purkinje Cell Cytoplasmic Ab, Type Tr (PCA-Tr)
<1:240
Amphiphysin Antibody
<1:240
CRMP-5-IgG
<1:240

WESTERN BLOT

Paraneoplastic Western Blot
Negative
CRMP-5-IgG Western Blot
Negative
Amphiphysin Western Blot
Negative

ISLET CELL ANTIBODIES

Glutamic Acid Decarboxylase (GAD65) Antibody
< or =0.02 nmol/L

CATION CHANNEL ANTIBODIES

N-Type Calcium Channel Antibody
< or =0.03 nmol/L
P/Q-Type Calcium Channel Antibody
< or =0.02 nmol/L
AChR Ganglionic Neuronal Antibody
< or =0.02 nmol/L
Neuronal VGKC Autoantibody
< or =0.02 nmol/L

ACHR RECEPTOR ANTIBODIES

ACh Receptor (Muscle) Binding Antibody
< or =0.02 nmol/L

N-Methyl-D-aspartate receptor (NMDA-R) CBA

Negative

IFA: <1:120

2-amino-3-(5-methyl-3-oxo-1,2-oxazol-4-yl) propanoic acid receptor (AMPA-R) CBA

Negative

IFA: <1:120

Gamma-Amino Butyric acid-type B receptor (GABA-B-R) CBA

Negative

IFA: <1:120

NMO/AQP4-IgG

Negative