Test Definition: EPIEC

Epilepsy, Autoimmune Evaluation, Spinal Fluid

Reporting Title: Epilepsy-Autoimmune Evaluation, CSF
Performing Location: Rochester

Specimen Requirements:

Container/Tube: Sterile vial
Specimen Volume: 4 mL
Additional Information: Include 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
CSF	Refrigerated (preferred)	28 days
	Frozen	28 days
	Ambient	72 hours

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
34258	Epilepsy, Interpretation, CSF	Alphanumeric		In Process
61513	NMDA-R Ab CBA, CSF **Also used by tests: NMDCC**	Alphanumeric		In Process
61729	VGKC-complex Ab IPA, CSF	Numeric	nmol/L	In Process
21702	GAD65 Ab Assay, CSF **Also used by tests: GD65C**	Numeric	nmol/L	53708-4
61515	GABA-B-R Ab CBA, CSF **Also used by tests: GABCC**	Alphanumeric		In Process
61514	AMPA-R Ab CBA, CSF **Also used by tests: AMPCC**	Alphanumeric		In Process
3852	ANNA-1, CSF	Alphanumeric	titer	24400-4
36429	Reflex Added	Alphanumeric		In Process
7472	ANNA-2, CSF	Alphanumeric	titer	24401-2
21633	ANNA-3, CSF	Alphanumeric	titer	35144-5
89079	AGNA-1, CSF	Alphanumeric	titer	53714-2

Result ID	Reporting Name	Type	Unit	LOINC®
21632	PCA-2, CSF	Alphanumeric	titer	35143-7
21631	PCA-Tr, CSF	Alphanumeric	titer	51748-2
5906	Amphiphysin Ab, CSF	Alphanumeric	titer	35142-9
21650	CRMP-5-IgG, CSF	Alphanumeric	titer	35385-4

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
AEPCI	Epilepsy, Interpretation, CSF			Yes	No
NMDCC	NMDA-R Ab CBA, CSF	1	86255	Yes	No
VGKCC	VGKC-complex Ab IPA, CSF	1	83519	Yes	No
GD65C	GAD65 Ab Assay, CSF	1	86341	Yes	Yes
GABCC	GABA-B-R Ab CBA, CSF	1	86255	Yes	No
AMPCC	AMPA-R Ab CBA, CSF	1	86255	Yes	No
ANN1C	Anti-Neuronal Nuclear Ab, Type 1	1	86256	Yes	No
ANN2C	Anti-Neuronal Nuclear Ab, Type 2	1	86256	Yes	No
ANN3C	Anti-Neuronal Nuclear Ab, Type 3	1	86256	Yes	No
AGN1C	Anti-Glial Nuclear Ab, Type 1	1	86256	Yes	No
PCA2C	Purkinje Cell Cytoplasmic Ab Type 2	1	86256	Yes	No
PCTRC	Purkinje Cell Cytoplasmc Ab Type Tr	1	86256	Yes	No
AMPHC	Amphiphysin Ab, CSF	1	86256	Yes	No
CRMC	CRMP-5-IgG, CSF	1	86256	Yes	No

Reflex Tests:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
WBNC	Paraneoplas Autoantibody WBlot,CSF	1	84182	No	No
CRMWC	CRMP-5-IgG Western Blot, CSF	1	84182	No	No
ABLTC	Amphiphysin Western Blot, CSF	1	84182	No	No

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
NMOCC	NMO/AQP4-IgG CBA, CSF	1	86255	No	Yes
AMPIC	AMPA-R Ab IF Titer Assay, CSF	1	86256	No	No
GABIC	GABA-B-R Ab IF Titer Assay, CSF	1	86256	No	No
NMDIC	NMDA-R Ab IF Titer Assay, CSF	1	86256	No	No
PCA1C	Purkinje Cell Cytoplasmic Ab Type 1	1	86256	No	No

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
WBNC	21764	Paraneoplas Autoantibody WBlot,CSF	Alphanumeric		53715-9
CRMWC	21747	CRMP-5-IgG Western Blot, CSF	Alphanumeric		53707-6
ABLTC	89380	Amphiphysin Western Blot, CSF	Alphanumeric		57750-2
NMOCC	61716	NMO/AQP4-IgG CBA, CSF	Alphanumeric		In Process
AMPIC	61524	AMPA-R Ab IF Titer Assay, CSF	Alphanumeric	titer	In Process
GABIC	61525	GABA-B-R Ab IF Titer Assay, CSF	Alphanumeric	titer	In Process
NMDIC	61523	NMDA-R Ab IF Titer Assay, CSF	Alphanumeric	titer	In Process
PCA1C	3988	PCA-1, CSF	Alphanumeric	titer	14248-9

Reference Values:

NEURONAL NUCLEAR ANTIBODIES
Antineuronal Nuclear Antibody-Type 1 (ANNA-1)
<1:2
Antineuronal Nuclear Antibody-Type 2 (ANNA-2)
<1:2
Antineuronal Nuclear Antibody-Type 3 (ANNA-3)
<1:2
Anti-Glial/Neuronal Nuclear Antibody-Type 1 (AGNA-1)
<1:2

NEURONAL AND MUSCLE CYTOPLASMIC ANTIBODIES
Purkinje Cell Cytoplasmic Antibody, Type 1 (PCA-1)
<1:2
Purkinje Cell Cytoplasmic Antibody, Type 2 (PCA-2)
<1:2
Purkinje Cell Cytoplasmic Antibody, Type TR (PCA-TR)
<1:2
Amphiphysin Antibody

<1:2
Collapsin Response-Mediator Protein-5 Neuronal (CRMP-5-IGG)
<1:2

ISLET CELL ANTIBODIES
Glutamic Acid Decarboxylase (GAD65) Antibody Assay
< or =0.02 nmol/L

AMPA-Receptor Antibody By CBA
CBA: Negative
IFA: <1:2
GABA-B-Receptor Antibody By CBA
CBA: Negative
IFA: <1:2
NMDA-Receptor Antibody By CBA
CBA: Negative
IFA: <1:2

Neuronal Voltage-Gated Potassium Channel-Complex Autoantibody
< or =0.02 nmol/L

WESTERN BLOT
Paraneoplastic Autoantibody, Western Blot Confirmation
Negative
Collapsin Response-Mediator Protein-5-IGG (CRMP-5-IGG) Western Blot
Negative
Amphiphysin Antibody Western Blot
Negative

Neuromyelitis Optica (NMO)/Aquaporin-4-Igg Cell-Binding Assay
Negative