Test Definition: PNEOE

Paraneoplastic Autoantibody Evaluation, Spinal Fluid

Reporting Title: Paraneoplas Autoantibody Eval,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®
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
3988	PCA-1, CSF	Alphanumeric	titer	14248-9
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
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
PCA1C	Purkinje Cell Cytoplasmic 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
GD65C	GAD65 Ab Assay, CSF	1	86341	No	Yes
ABLTC	Amphiphysin Western Blot, CSF	1	84182	No	No
NMOCC	NMO/AQP4-IgG CBA, CSF	1	86255	No	Yes
NMDCC	NMDA-R Ab CBA, CSF	1	86255	No	No
AMPCC	AMPA-R Ab CBA, CSF	1	86255	No	No
GABCC	GABA-B-R Ab CBA, CSF	1	86255	No	No
NMDIC	NMDA-R Ab IF Titer Assay, CSF	1	86256	No	No
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
VGKCC	VGKC-complex Ab IPA, CSF	1	83519	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
GD65C	21702	GAD65 Ab Assay, CSF	Numeric	nmol/L	53708-4
ABLTC	89380	Amphiphysin Western Blot, CSF	Alphanumeric		57750-2
NMOCC	61716	NMO/AQP4-IgG CBA, CSF	Alphanumeric		In Process
NMDCC	61513	NMDA-R Ab CBA, CSF	Alphanumeric		In Process
AMPCC	61514	AMPA-R Ab CBA, CSF	Alphanumeric		In Process
GABCC	61515	GABA-B-R Ab CBA, CSF	Alphanumeric		In Process
NMDIC	61523	NMDA-R Ab IF Titer Assay, CSF	Alphanumeric	titer	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
VGKCC	61729	VGKC-complex Ab IPA, CSF	Numeric	nmol/L	In Process

Reference Values:

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

NEURONAL AND MUSCLE CYTOPLASMIC ANTIBODIES
Purkinje Cell Cytoplasmic Antibody, Type 1 (PCA-1)
Negative at <1:2
Purkinje Cell Cytoplasmic Antibody, Type 2 (PCA-2)
Negative at <1:2
Purkinje Cell Cytoplasmic Antibody, Type TR (PCA-TR)
Negative at <1:2
Amphiphysin Antibody
Negative at <1:2
Collapsin Response-Mediator Protein-5 Neuronal (CRMP-5-IGG)
Negative at <1:2

ISLET CELL ANTIBODIES
Glutamic Acid Decarboxylase (GAD65) Antibody Assay

< or =0.02 nmol/L

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

N-Methyl-D-aspartate receptor (NMDA-R)
CBA: Negative
IFA <1:2
2-amino-3-(5-methyl-3-oxo-1,2- oxazol-4-yl) propanoic acid receptor (AMPA-R)
CBA: Negative
IFA <1:2
Gamma-Amino Butyric acid-type B receptor (GABA-B-R)
CBA: Negative
IFA <1:2
NMO/AQP4-IgG
Negative
VGKC-Complex Antibody IPA
< or=0.02 nmol/L