

Test Definition: SPPC

Stiff-Person Spectrum Disorders Evaluation,
including Progressive Encephalomyelitis with
Rigidity and Myoclonus, Spinal Fluid

Reporting Title: Stiff-Person/PERM Eval, CSF
Performing Location: Rochester

Ordering Guidance:

This test **should not** be requested for patients who have recently received radioisotopes, therapeutically or diagnostically, because of potential assay interference. The specific waiting period before specimen collection will depend on the isotope administered, the dose given, and the clearance rate in the individual patient. Specimens will be screened for radioactivity prior to analysis. Radioactive specimens received in the laboratory will be held 1 week and assayed if sufficiently decayed or canceled if radioactivity remains.

Multiple neurological phenotype-specific autoimmune/paraneoplastic evaluations are available. For more information as well as phenotype-specific testing options, refer to [Autoimmune Neurology Test Ordering Guide](#).

For a list of antibodies performed with each evaluation, see [Autoimmune Neurology Antibody Matrix](#).

Necessary Information:

- Provide the following information:
- Relevant clinical information
 - Ordering healthcare professional's name, phone number, mailing address, and email address

Specimen Requirements:

- Container/Tube:** Sterile vial
Preferred: Collection vial number 1
Acceptable: Any collection vial
Specimen Volume: 4 mL

Forms:

If not ordering electronically, complete, print, and send a [Neurology Specialty Testing Client Test Request](#) (T732) with the specimen.

Specimen Type	Temperature	Time	Special Container
CSF	Ambient	72 hours	
	Refrigerated (preferred)	28 days	
	Frozen	28 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
5906	Amphiphysin Ab, CSF	Alphanumeric		90815-2
21702	GAD65 Ab Assay, CSF	Numeric	nmol/L	94359-7
64934	DPPX Ab CBA, CSF	Alphanumeric		94283-9
606973	Glycine Alpha1 LCBA, CSF	Alphanumeric		96497-3

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614602	Stiff-Person/PERM Interp, CSF	Alphanumeric		69048-7
618909	IFA Notes	Alphanumeric		48767-8

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

Components:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
SPPCI	Stiff-Person/PERM Interp, CSF			Yes	No
AMPHC	Amphiphysin Ab, CSF	1	86255	Yes	No
DPPCC	DPPX Ab CBA, CSF	1	86255	Yes	No
GD65C	GAD65 Ab Assay, CSF	1	86341	Yes	Yes
GLYCC	Glycine Alpha1 LCBA, CSF	1	0431U	Yes	Yes

CPT Code Information:

- 86255 x 2
- 86341
- 0431U
- 84182 (if appropriate)
- 86256 (if appropriate)
- 86256 (if appropriate)

Reflex Tests:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
AMIBC	Amphiphysin Immunoblot, CSF	1	84182	No	No
DPPTC	DPPX Ab IFA Titer, CSF	1	86256	No	No
APHTC	Amphiphysin Ab Titer, CSF	1	86256	No	No

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
DPPTC	64991	DPPX Ab IFA Titer, CSF	Alphanumeric	titer	94284-7
AMIBC	607269	Amphiphysin Immunoblot, CSF	Alphanumeric		94384-5
APHTC	618164	Amphiphysin Ab Titer, CSF	Alphanumeric	titer	94354-8

Reference Values:

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Test ID	Reporting name	Methodology*	Reference value
SPPCI	Stiff-Person/PERM Interp, CSF	Medical interpretation	Interpretive report
AMPHC	Amphiphysin Ab, CSF	IFA	Negative
DPPCC	DPPX Ab CBA, CSF	CBA	Negative
GD65C	GAD65 Ab Assay, CSF	RIA	< or =0.02 nmol/L Reference values apply to all ages.
GLYCC	Glycine Alpha1 LCBA, CSF	LCBA	Negative

Reflex information

Test ID	Reporting name	Methodology	Reference value
AMIBC	Amphiphysin Immunoblot, CSF	IB	Negative
APHTC	Amphiphysin Ab Titer, CSF	IFA	<1:2
DPPTC	DPPX Ab IFA Titer, CSF	IFA	<1:2

*Methodology abbreviations:
Immunofluorescence assay (IFA)
Cell-binding assay (CBA)
Radioimmunoassay (RIA)
Live Cell-Binding Assay (LCBA)
Immunoblot (IB)

Neuron-restricted patterns of IgG staining that do not fulfill criteria for amphiphysin antibody may be reported as "unclassified antineuronal IgG." Complex patterns that include nonneuronal elements may be reported as "uninterpretable."