Test Definition: SPPS

ABORATORIES Stiff-Person Spectrum Disorders Evaluation, including Progressive Encephalomyelitis with Rigidity and Myoclonus, Serum

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

MAYO CLINIC

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 provider name, phone number, mailing address, and email address

Specimen Requirements:

Supplies: Sarstedt Aliquot Tube, 5 mL (T914) Collection Container/Tube: Preferred: Red top Acceptable: Serum gel Submission Container/Tube: Plastic vial Specimen Volume: 2 mL Collection Instructions: Centrifuge and aliquot serum into a plastic vial.

Specimen Minimum Volume:

1 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
Serum	Refrigerated (preferred)	28 days	

 MAYO CLINIC
 Test Definition: SPPS

 LABORATORIES
 Stiff-Person Spectrum Disorders Evaluation, including Progressive
Encephalomyelitis with Rigidity and Myoclonus, Serum

Frozen	28 days	
Ambient	72 hours	

Result Codes:

Result ID	Reporting Name	Туре	Unit	LOINC®
614601	Stiff-Person/PERM Interp, S	Alphanumeric		69048-7
618910	IFA Notes	Alphanumeric		48767-8
81722	Amphiphysin Ab, S	Alphanumeric		72327-0
64933	DPPX Ab CBA, S	Alphanumeric		94676-4
81596	GAD65 Ab Assay, S	Numeric	nmol/L	30347-9
	Also used by tests: GD65S			
606972	Glycine Alpha1 LCBA, S	Alphanumeric		96496-5
	Also used by tests: GLYCS			

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
SPPSI	Stiff-Person/PERM Interp, S			Yes	No
AMPHS	Amphiphysin Ab, S			Yes	No
DPPCS	DPPX Ab CBA, S			Yes	No
GD65S	GAD65 Ab Assay, S			Yes	Yes
GLYCS	Glycine Alpha1 LCBA, S			Yes	Yes

CPT Code Information:

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

 MAYO CLINIC
 Test Definition: SPPS

 LABORATORIES
 Stiff-Person Spectrum Disorders Evaluation, including Progressive
Encephalomyelitis with Rigidity and Myoclonus, Serum

86256 (if appropriate)

Reflex Tests:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
AMIBS	Amphiphysin Immunoblot, S			No	No
DPPTS	DPPX Ab IFA Titer, S			No	No
APHTS	Amphiphysin Ab Titer, S			No	No

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Туре	Unit	LOINC®
AMIBS	607268	Amphiphysin Immunoblot, S	Alphanumeric		94385-2
DPPTS	64992	DPPX Ab IFA Titer, S	Alphanumeric	titer	94675-6
APHTS	618165	Amphiphysin Ab Titer, S	Alphanumeric	titer	94340-7

Reference Values:

Test ID	Reporting Name	Methodology*	Reference Value
SPPSI	Stiff-Person/PERM Interp, S	Medical interpretation	N/A
AMPHS	Amphiphysin Ab, S	IFA	Negative
DPPCS	DPPX Ab CBA, S	СВА	Negative
GD65S	GAD65 Ab Assay, S	RIA	< or =0.02 nmol/L
GLYCS	GLYCS Glycine Alpha1 LCBA, S		Negative
Reflex Information			
Test ID	Reporting Name	Methodology	Reference Value
AMIBS	Amphiphysin Immunoblot, S	IB	Negative
APHTS	Amphiphysin Ab Titer, S	IFA	<1:240
DPPTS	DPPX Ab IFA Titer, S	IFA	<1:240

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

 MAYO CLINIC
 Test Definition: SPPS

 LABORATORIES
 Stiff-Person Spectrum Disorders Evaluation, including Progressive
Encephalomyelitis with Rigidity and Myoclonus, Serum

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."