



Reporting Title: Peds Autoimm Enceph CNS, S

Performing Location: Rochester

Ordering Guidance:

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 e-mail address

Specimen Requirements:

Patient Preparation:

1. For optimal antibody detection, specimen collection is recommended prior to initiation of immunosuppressant medication or intravenous immunoglobulin treatment.
2. 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.

Supplies: Sarstedt Aliquot Tube, 5 mL (T914)

Collection Container/Tube:

Preferred: Red top

Acceptable: Serum gel

Submission Container/Tube: Plastic vial

Specimen Volume: 4 mL

Collection Instructions: Centrifuge and aliquot serum into a plastic vial.

Specimen Minimum Volume:

2 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	
	Frozen	28 days	
	Ambient	72 hours	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
605131	Peds Autoimmune CNS Interp, S	Alphanumeric		69048-7
618907	IFA Notes	Alphanumeric		48767-8
80150	ANNA-1, S	Alphanumeric		33615-6
64281	CASPR2-IgG CBA, S	Alphanumeric		94285-4
64930	DPPX Ab IFA, S	Alphanumeric		82976-2
61519	GABA-B-R Ab CBA, S	Alphanumeric		93428-1
81596	GAD65 Ab Assay, S Also used by tests: GD65S	Numeric	nmol/L	30347-9
605155	GFAP IFA, S	Alphanumeric		94346-4
64279	LGI1-IgG CBA, S	Alphanumeric		94287-0
64928	mGluR1 Ab IFA, S	Alphanumeric		94347-2
65563	MOG FACS, S Also used by tests: MOGFS	Alphanumeric		90248-6
615867	Neurochondrin IFA, S	Alphanumeric		101452-1
61516	NMDA-R Ab CBA, S	Alphanumeric		93503-1
38324	NMO/AQP4 FACS, S Also used by tests: NMOFS	Alphanumeric		43638-6
83076	PCA-Tr, S	Alphanumeric		84926-5

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
PCSI	Peds Autoimmune CNS Interp, S			Yes	No
ANN1S	Anti-Neuronal Nuclear Ab, Type 1			Yes	No
CS2CS	CASPR2-IgG CBA, S			Yes	No
DPPIS	DPPX Ab IFA, S			Yes	No
GABCS	GABA-B-R Ab CBA, S			Yes	No
GD65S	GAD65 Ab Assay, S			Yes	Yes
GFAIS	GFAP IFA, S			Yes	No
LG1CS	LGI1-IgG CBA, S			Yes	No
GL1IS	mGluR1 Ab IFA, S			Yes	No
MOGFS	MOG FACS, S			Yes	Yes
NCDIS	Neurochondrin IFA, S			Yes	No
NMDCS	NMDA-R Ab CBA, S			Yes	No
NMOFS	NMO/AQP4 FACS, S			Yes	Yes
PCATR	Purkinje Cell Cytoplasmic Ab Type Tr			Yes	No

CPT Code Information:

86341
86363
86053
86255 x 10
84182 AN1BS (if appropriate)
86256 AN1TS (if appropriate)
84182 AN2BS (if appropriate)
86255 DPPCS (if appropriate)
86256 DPPTS (if appropriate)
86256 GABIS (if appropriate)
86255 GFACS (if appropriate)
86256 GFATS (if appropriate)
86255 GL1CS (if appropriate)
86256 GL1TS (if appropriate)
86363 MOGTS (if appropriate)
86255 NCDCS (if appropriate)
86256 NCDTS (if appropriate)
86256 NMDIS (if appropriate)
86053 NMOTS (if appropriate)
84182 PCTBS (if appropriate)



86256 PCTTS (if appropriate)

Reflex Tests:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
AN1BS	ANNA-1 Immunoblot, S			No	No
AN2BS	ANNA-2 Immunoblot, S			No	No
DPPCS	DPPX Ab CBA, S			No	No
DPPTS	DPPX Ab IFA Titer, S			No	No
GFACS	GFAP CBA, S			No	No
GFATS	GFAP IFA Titer, S			No	No
GL1CS	mGluR1 Ab CBA, S			No	No
GL1TS	mGluR1 Ab IFA Titer, S			No	No
MOGTS	MOG FACS Titer, S			No	No
NMDIS	NMDA-R Ab IF Titer Assay, S			No	No
NMOTS	NMO/AQP4 FACS Titer, S			No	No
PCTBS	PCA-Tr Immunoblot, S			No	No
AN1TS	ANNA-1 Titer, S			No	No
GABIS	GABA-B-R Ab IF Titer Assay, S			No	No
NCDCS	Neurochondrin CBA, S			No	No
NCDTS	Neurochondrin IFA Titer, S			No	No
PCTTS	PCA-Tr Titer, S			No	No

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
MOGTS	65564	MOG FACS Titer, S	Alphanumeric	titer	In Process
NMOTS	64557	NMO/AQP4 FACS Titer, S	Alphanumeric	titer	86241-7
AN1BS	607260	ANNA-1 Immunoblot, S	Alphanumeric		94389-4
AN2BS	607262	ANNA-2 Immunoblot, S	Alphanumeric		94387-8
DPPCS	64933	DPPX Ab CBA, S	Alphanumeric		94676-4



Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
DPPTS	64992	DPPX Ab IFA Titer, S	Alphanumeric	titer	94675-6
GFACS	605153	GFAP CBA, S	Alphanumeric		93424-0
GFATS	605133	GFAP IFA Titer, S	Alphanumeric	titer	93423-2
GL1CS	64932	mGluR1 Ab CBA, S	Alphanumeric		93498-4
GL1TS	64990	mGluR1 Ab IFA Titer, S	Alphanumeric	titer	93499-2
NMDIS	61497	NMDA-R Ab IF Titer Assay, S	Alphanumeric	titer	In Process
PCTBS	607266	PCA-Tr Immunoblot, S	Alphanumeric		82999-4
AN1TS	43431	ANNA-1 Titer, S	Alphanumeric	titer	94342-3
GABIS	61505	GABA-B-R Ab IF Titer Assay, S	Alphanumeric	titer	93427-3
NCDCS	615865	Neurochondrin CBA, S	Alphanumeric		101450-5
NCDTS	616111	Neurochondrin IFA Titer, S	Alphanumeric	titer	In Process
PCTTS	43439	PCA-Tr Titer, S	Alphanumeric	titer	94352-2

Reference Values:

Test ID	Reporting name	Methodology*	Reference value
PCSI	Peds Autoimmune CNS Interp, S	Medical interpretation	NA
ANN1S	Anti-Neuronal Nuclear Ab, Type 1	IFA	Negative
CS2CS	CASPR2-IgG CBA, S	CBA	Negative
DPPIS	DPPX Ab IFA, S	IFA	Negative
GABCS	GABA-B-R Ab CBA, S	CBA	Negative
GD65S	GAD65 Ab Assay, S	RIA	< or =0.02 nmol/L Reference values apply to all ages.
GFAIS	GFAP IFA, S	IFA	Negative
LG1CS	LGI1-IgG CBA, S	CBA	Negative
GL1IS	mGluR1 Ab IFA, S	IFA	Negative
NCDIS	Neurochondrin IFA, S	IFA	Negative
MOGFS	MOG FACS, S	FACS	Negative
NMDCS	NMDA-R Ab CBA, S	CBA	Negative
NMOFS	NMO/AQP4 FACS, S	FACS	Negative



PCATR	Â Purkinje Cell Cytoplasmic Ab Type Tr	IFA	Negative
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Reflex Information:

Test ID	Reporting name	Methodology	Reference value
AN1BS	ANNA-1 Immunoblot, S	IB	Negative
AN1TS	ANNA-1 Titer, S	IFA	<1:240
AN2BS	ANNA-2 Immunoblot, S	IB	Negative
DPPCS	DPPX Ab CBA, S	CBA	Negative
DPPTS	DPPX Ab IFA Titer, S	IFA	<1:240
GABIS	GABA-B-R Ab IF Titer Assay, S	IFA	<1:240
GFACS	GFAP CBA, S	CBA	Negative
GFATS	GFAP IFA Titer, S	IFA	<1:240
GL1CS	mGluR1 Ab CBA, S	CBA	Negative
GL1TS	mGluR1 Ab IFA Titer, S	IFA	<1:240
MOGTS	MOG FACS Titer, S	FACS	<1:20
NCDCS	Neurochondrin CBA, S	CBA	Negative
NCDTS	Neurochondrin IFA Titer, S	IFA	<1:240
NMDIS	NMDA-R Ab IF Titer Assay, S	IFA	<1:240
NMOTS	NMO/AQP4 FACS Titer, S	FACS	<1:5
PCTTS	PCA-Tr Titer, S	IFA	<1:240
PCTBS	PCA-Tr Immunoblot, S	IB	Negative

*Methodology abbreviations:

Immunofluorescence assay (IFA)

Cell-binding assay (CBA)

Fluorescence activated cell sorting assay (FACS)

Radioimmunoassay (RIA)

Immunoblot (IB)

**Neuron-restricted patterns of IgG staining that do not fulfill criteria for ANNA-1, ANNA-2, or PCA-Tr may be reported as "unclassified anti-neuronal IgG." Complex patterns that include non-neuronal elements may be reported as "uninterpretable."