MAYO CLINIC
Mayo Medical Laboratories

FILE DEFINITION TEST CHANGE

NOTIFICATION DATE: JUNE 2, 2014
EFFECTIVE DATE: JUNE 30, 2014

PARANEOPLASTIC AUTOANTIBODY EVALUATION, SERUM

Test ID: PAVAL

EXPLANATION: New possible reflex tests will be added to this evaluation. A new resultable will be added to profile component ANNA1S to indicate any reflex added by the IFA patterns. There is a reference range change for profile component STR – Striational Ab. STR – Striational Ab will also no longer reflex to CRMWS – CRMP5-IgG Western blot and ARMO – ACh Receptor Modulating Ab when positive. Specimen stability changes are defined. CPT Code updates.

CURRENT RESULT CODE	
Result ID	**Reporting Name**
80150	ANNA-1, S

NEW RESULT CODE	
Result ID	**Reporting Name**
80150	ANNA-1, S
36349	Reflex Added

CURRENT SPECIMEN STABILITY		
Specimen	**Temperature**	**Time**
Serum	Refrigerated	14 days
	Ambient	72 hours
	Frozen	

NEW SPECIMEN STABILITY		
Specimen	**Temperature**	**Time**
Serum	Refrigerated	28 days
	Ambient	72 hours
	Frozen	28 days

CURRENT REFERENCE VALUE
STR - Striational (Striated Muscle) Antibodies <1:60

NEW REFERENCE VALUE
STR - Striational (Striated Muscle) Antibodies <1:120

CURRENT REFLEX TESTS
WBN - Paraneoplas Autoantibody WBlot,S
CRMWS - CRMP-5-IgG Western Blot, S
GD65S - GAD65 Ab Assay, S
ABLOT - Amphiphysin Western Blot, S
NMOCS - NMO/AQP4-IgG CBA, S
ARMO - ACh Receptor (Muscle) Modulating

NEW REFLEX TESTS
GD65S - GAD65 Ab Assay, S
WBN - Paraneoplas Autoantibody WBlot,S
CRMWS - CRMP-5-IgG Western Blot, S
ARMO - ACh Receptor (Muscle) Modulating Ab
ABLOT - Amphiphysin Western Blot, S
NMOCS - NMO/AQP4-IgG CBA, S
NMDCS - NMDA-R Ab CBA, S
AMPCS - AMPA-R Ab CBA, S
GABCS - GABA-B-R Ab CBA, S
NMDIS - NMDA-R Ab IF Titer Assay, S
AMPIS - AMPA-R Ab IF Titer Assay, S
GABIS - GABA-B-R Ab IF Titer Assay, S

NEW ALGORITHM:

If IFA (ANN1S, ANN2S, ANN3S, PCABP, PCAB2, PCATR, AMPHS, CRMS, AGN1S) patterns are indeterminate, paraneoplastic autoantibody Western blot is performed at an additional charge.

If client requests or if IFA patterns suggest CRMP-5-IgG, CRMP-5-IgG Western blot is performed at an additional charge.

If IFA pattern suggest NMO/AQP4-IgG, NMO/AQP4-IgG CBA is performed at an additional charge.

If IFA patterns suggest amphiphysin antibody, amphiphysin Western blot is performed at an additional charge.

If IFA patterns suggest GAD65 antibody, GAD65 antibody radioimmunoassay is performed at an additional charge.

If IFA pattern suggest NMDA-R, NMDA-R Ab CBA and/or NMDA-R Ab IF Titer Assay is performed at an additional charge.

If IFA pattern suggest AMPA-R, AMPA-R Ab CBA and/or AMPA-R Ab IF Titer Assay is performed at an additional charge.

If IFA pattern suggest GABA-B-R, GABA-B-R Ab CBA and/or GABA-B-R Ab IF Titer Assay is performed at an additional charge.

If ACh receptor binding antibody is >0.02, ACh receptor modulating antibodies and CRMP-5-IgG Western blot are performed at an additional charge.

CURRENT CPT CODE	NEW CPT CODE
83519-59-ACh receptor (muscle) binding Ab	83519-ACh receptor (muscle) binding antibody
83519-59-AChR ganglionic neuronal Ab	83519-AChR ganglionic neuronal antibody
83519-59-Neuronal VGKC autoantibody	83519-Neuronal VGKC autoantibody
83519-59-N-type calcium channel antibody	83519-N-type calcium channel antibody
83519-59-P/Q-type calcium channel Ab	83519-P/Q-type calcium channel antibody
83520-Striational (striated muscle) Ab	83520-Striational (striated muscle) antibodies
86256-AGNA-1	86256-AGNA-1
86256-Amphiphysin	86256-Amphiphysin
86256-ANNA-1	86256-ANNA-1
86256-ANNA-2	86256-ANNA-2
86256-ANNA-3	86256-ANNA-3
86256-CRMP-5-IgG	86256-CRMP-5-IgG
86256-PCA-1	86256-PCA-1
86256-PCA-2	86256-PCA-2
86256-PCA-Tr	86256-PCA-Tr
83519-59-ACh receptor (muscle) modulating antibodies (if appropriate)	83519-ACh receptor (muscle) modulating antibodies (if appropriate)
84182-Amphiphysin Western blot (if appropriate)	84182-Amphiphysin Western blot (if appropriate)
	84182-CRMP-5-IgG Western blot (if appropriate)
84182-CRMP-5-IgG Western blot (if appropriate)	84182-Paraneoplastic autoantibody Western blot confirmation (if appropriate)
84182-Paraneoplastic autoantibody Western blot confirmation (if appropriate)	86255-NMO/AQP4-IgG CBA (if appropriate)
	86255-AMPCS (if appropriate)
86255-NMO/AQP4-IgG CBA (if appropriate)	86255-GABCS (if appropriate)
	86255-NMDCS (if appropriate)
86341-GAD65 antibody assay (if appropriate)	86256-AMPIS (if appropriate)
	86256-GABIS (if appropriate)
	86256-NMDIS (if appropriate)
	86341-GAD65 antibody assay (if appropriate)

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or
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