

LAB ALERT

Date: September 2nd, 2016

Overview of Anti-Nuclear Antibody(ANA) Testing

Dear Regional Pathology Services Clients,

This lab alert is an extension of the lab alert regarding ANA testing brought in-house, sent June 23, 2016. In response to our client needs we have created custom panels that will help streamline the ordering of ANA testing.

Below is an overview of the existing and new ANA test offerings that are available effective August 24, 2016:

ANA IFA with Titer

Test Code: ANAIF, CPT Code: 86255; if positive titer add 86256

Results are reported as positive with a titer of $\geq 1:40$ with nuclear staining pattern, if applicable. Note that low titers of ANA reactivity can be observed in apparently healthy individuals. Titers of 1:160 or greater are generally considered to be clinically significant and more closely related to the presence of active disease. The results of this test must be interpreted in the context of the clinical picture.

Antinuclear Antibody(ANA) Panel

Test Code: ANAPN, CPT Code: 86235x10; dsDNA is 86225

All tests are run and reported. Includes ENA, Antibodies to Extractable Nuclear Antigens. The ANAPN includes an Antibody screen, a quantitative Anti- dsDNA result and qualitative results for Anti-Chromatin, Anti-Ribosomal P, Anti-SS-A (combined result of 52kD and 60kD), Anti-SS-B, Anti-Sm, Anti-Sm/RNP, Anti-RNP (combined result of A and 68), Anti-Scl-70, Anti-Jo-1 and Anti-Centromere B. Negative results do not rule out rheumatic disease, if clinical suspicion is high, an ANA by immunofluorescence is recommended.

ANA Screen, with reflex to the ANA Panel

Test Code: ANASCR, CPT Code: 86038 if negative; if positive add 86235x10, dsDNA is 86225)

ANA antibody screen is performed, if the antibody screen is negative, no further results are reported. If the screen is positive, all antibodies within the ANAPN will be reported. Anti-dsDNA is a quantitative result and has an indeterminate range. The ANA screen test software recognizes indeterminate dsDNA results as negative. Therefore, if the screen is negative and the dsDNA is indeterminate, the dsDNA result will be reported. ANAIF testing is recommended in

this scenario.

ANA IFA with reflex to Titer and ANA Panel

Test Code: ANAFLX, CPT Code 86255; if positive titer add 86256; if positive add 86235x10; dsDNA is 86225

ANAIF performed with titers of $\geq 1:160$ reflexed to an ANAPN.

Extractable Nuclear Antigen Antibodies Panel (SSA, SSB)

Test Code: SSAB, CPT Code 86235 x2

This panel contains the Anti-SSA (combined results of 52 KD and 60KD) and the Anti-SS-B

Extractable Nuclear Antigen Antibodies Panel (RNP, Smith, SSA, SSB)

Test Code: ENAA, CPT code: 86235x4

Antibodies ordered Individually

ANAPN antibodies are also available to be ordered individually, with the exception of the ANASMR (ANA AutoAb SmRNP).

Specimen requirements have not changed.

Interfaced Clients: below is the information for the interface builds:

Please deactivate sendout test codes ANARP, ANAIFA, ENAE, MCENT, MDSDNA, SSBLA, ADSDA, SSARO, SCLER, SMIT, RNPAB, CHRMT, ADSDT, and HEP2A.

Test Name	Test Code	CPT Code	Component Order Codes	Result Code	Result Name
ANA IFA with titer(no reflex)	ANAIF	86255; If positive titer add 86256	HEP2S HEP2X	HEP2S HEP2X HEP2PN	ANA HEP 2 Substrate HEP2Titer HEP2Pattern
ANA Panel	ANAPN	86235 X 10; dsDNA is 86225	ANASCR ANADS ANACHR ANARIB	ANAS ANADS ANACHR ANARIB	ANA ANTIBODY SCREEN ANA AUTOAB dsDNA ANA AUTOAB CHROMATIN ANA AUTOAB RIBOSOMAL P

			ANASSA	ANASSA	ANA AUTOAB SSA
			ANASSB	ANASSB	ANA AUTOAB SSB
			ANACB	ANACB	ANA AUTOAB CENTROMERE B
			ANASM	ANASM	ANA AUTOAB SMITH
			ANASMR	ANASMR	ANA AUTOAB SmRNP
			ANARNP	ANARNP	ANA AUTOAB RNP
			ANASC	ANASC	ANA AUTOAB SCL-70
			ANAJO	ANAJO	ANA AUTOAB JO-1
				ANAINT	ANA REFERENCE RANGES
ANA Screen with reflex to ANA Panel	ANASCR	86038; If positive add 86235x10 dsDNA is 86225	ANASCR	ANAS	ANA ANTIBODY SCREEN
			ANADS	ANADS	ANA AUTOAB dsDNA
			ANACHR	ANACHR	ANA AUTOAB CHROMATIN
			ANARIB	ANARIB	ANA AUTOAB RIBOSOMAL P
			ANASSA	ANASSA	ANA AUTOAB SSA
			ANASSB	ANASSB	ANA AUTOAB SSB
			ANACB	ANACB	ANA AUTOAB CENTROMERE B
			ANASM	ANASM	ANA AUTOAB SMITH
			ANASMR	ANASMR	ANA AUTOAB SmRNP
			ANARNP	ANARNP	ANA AUTOAB RNP
			ANASC	ANASC	ANA AUTOAB SCL-70
			ANAJO	ANAJO	ANA AUTOAB JO-1
				ANAINT	ANA REFERENCE RANGES

ANA IFA with reflex to Titer and ANA Panel	ANAFLX	86255; if positive titer add 86256 and 86235x10 dsDNA is 86225	HEP2S HEP2X ANASCR ANADS ANACHR ANARIB ANASSA ANASSB ANACB ANASM ANASMR ANARNP ANASC ANAJO	HEP2S HEP2X HEP2Pattern ANAS ANADS ANACHR ANARIB ANASSA ANASSB ANACB ANASM ANASMR ANARNP ANASC ANAJO ANAINT	ANA HEp 2 Substrate HEP2Titer HEP2Pattern ANA ANTIBODY SCREEN ANA AUTOAB dsDNA ANA AUTOAB CHROMATIN ANA AUTOAB RIBOSOMAL P ANA AUTOAB SSA ANA AUTOAB SSB ANA AUTOAB CENTROMERE B ANA AUTOAB SMITH ANA AUTOAB SmRNP ANA AUTOAB RNP ANA AUTOAB SCL-70 ANA AUTOAB JO-1 ANA REFERENCE RANGES
Extractable Nuclear Antigen Antibodies (SSA and SSB)	SSAB	86235x2	ANASSA ANASSB	ANASSA ANASSB	ANA AUTOAB SSA ANA AUTOAB SSB
Extractable Nuclear Antigen Antibodies (RNP, Smith, SSA, SSB, SCL-70, JO-1)	ENAA	86235x4	ANARNP ANASM ANASSA ANASSB	ANARNP ANASM ANASSA ANASSB	ANA AUTOAB RNP ANA AUTOAB SMITH ANA AUTOAB SSA ANA AUTOAB SSB

For any questions about these changes please contact client services at 402-559-6420 or toll free at 1-800-334-0459 and ask to speak with one of our client coordinators.

24/7 Client Services 1-800-334-0459