

News

Clinical Laboratory Test Update

Updates to ANA, Antibody Panel Testing, and Reflex Testing

Effective June 29, 2026, UCHealth Laboratories will implement updates to anti-nuclear antibody (ANA) testing and associated antibody testing performed at the Anschutz Medical Campus. These changes include revisions to test names and associated synonyms, panel components, methodologies, and specimen volume requirements.

A summary of the available ANA panels, ENA, dsDNA, and anti-centromere antibody testing options is provided below:

Anti-Centromere IgG Antibodies by ELISA [Cent] – LAB4570		
	Former	Revised
Test Name	CENTROMERE IGG-RHE	Anti-Centromere IgG Antibodies by ELISA
Ordering Synonyms	CENTROMERE	Cent
Methodology	Indirect Immunofluorescence Assay (IFA)	Enzyme linked immunosorbent Assay (ELISA)
Result	Negative Positive	Numerical value is reported
Reference Range	N/A	≤20
Result Units	N/A	Units
Interpretive Data	N/A	0 - 20 Negative 21 - 30 Positive >31 Moderate to Strong Positive
Volume	0.5 mL Serum (minimum 0.5 mL)	1.0 mL Serum (minimum 0.5 mL)
Note	The presence of anti-centromere antibodies can aid in the diagnosis of certain autoimmune diseases and is most commonly associated with limited cutaneous systemic sclerosis (historically referred as CREST syndrome). Anti-Centromere ELISA is an enzyme-linked immunosorbent assay for the semi-quantitative detection of centromere antibodies, specifically reactive to the Centromere Protein A (CENP-A) and Centromere Protein B (CENP-B) antigens, will replace the immunofluorescence assay currently performed.	

ANA IFA (w/ titer and pattern, if positive) - LAB3466		
Workflow	This panel includes ANA screening by IFA and centromere IgG by ELISA. If ANA is positive, the titer and staining pattern will be reported. No additional reflex serology is performed. Use this option when ANA IFA with titer/pattern and Centromere IgG provides sufficient clinical information.	
	Former	Revised
Test Name	ANA with Titer if Positive	ANA IFA (w/ titer and pattern, if positive)
Ordering Synonyms	ANA PAT	ANA IFA
Volume	1.0 mL Serum (minimum 0.5 mL)	No Change
Test 1 – Component 1: Screen (Required)	Negative Borderline Positive Strongly Positive	Negative Indeterminate Positive Moderate Positive High Positive Strong Positive
Test 1 - Component 2: Titer (Optional)	Negative = Negative Borderline = 1:160 Positive = 1:320 Strong Positive = >1:320	<1:80 1:80 1:160 1:320 1:640 >1:640
Test 1 - Component 3: Pattern (Optional)	Discrete Speckled Fine Speckled Fine Speckled, Discrete Speckled Homogenous Homogenous Atypical Rim Homogenous Rim Nucleolar Speckled Speckled Nucleolar	Homogenous Speckled Nuclear Dots Nucleolar Centromere Speckled Nucleolar
Test 1 – Component 4: Cytoplasmic Pattern (Required)	N/A	Negative Positive
Test 2 - Centromere (Required)	Negative, Positive	Numerical value to be reported

ANA IFA Profile - LAB3463		
Workflow	In this panel, Sm/RNP, Smith, SSA, SSB, dsDNA, and centromere antibodies testing (all ELISAs) are performed regardless of ANA IFA result. If ANA is positive, the titer and staining pattern will also be reported. Use this option when a comprehensive ENA, dsDNA, and centromere assessment is needed independent of ANA positivity.	
	Former	Revised
Test Name	ANA (with Titer) Profile	ANA IFA Profile
Ordering Synonyms	ANAPROFILE	ANA IFA Profile
Volume	3.0 mL Serum (minimum 2.0 mL)	No Change
Test 1 – Component 1: Screen (Required)	Negative Borderline Positive Strongly Positive	Negative Indeterminate Positive Moderate Positive High Positive Strong Positive
Test 1 - Component 2: Titer (Optional)	Negative = Negative Borderline = 1:160 Positive = 1:320 Strong Positive = >1:320	<1:80 1:80 1:160 1:320 1:640 >1:640
Test 1 - Component 3: Pattern (Optional)	Discrete Speckled Fine Speckled Fine Specked, Discrete Speckled Homogenous Homogenous Atypical Rim Homogenous Rim Nucleolar Speckled Speckled Nucleolar	Homogenous Speckled Nuclear Dots Nucleolar Centromere Speckled Nucleolar
Test 1 – Component 4: Cytoplasmic Pattern (Required)	N/A	Negative Positive
Test 2 - Centromere (Required)	Negative, Positive	Numerical value to be reported
Test 3 - dsDNA (Required)	Anti-Double Stranded DNA IgG Antibodies by ELISA	No Change
Test 4 – Sm/RNP (Required)	U1-RNP/ Smith (Sm) IgG Antibodies by ELISA	No Change
Test 5 - Smith (Required)	Anti-Smith IgG Antibodies by ELISA	No Change
Test 6 - SSA (Required)	Anti-Sjögren's Syndrome type A Antibodies or Anti-RO IgG Antibodies by ELISA	No Change
Test 7 – SSB (Required)	Anti-Sjögren's Syndrome type B Antibodies or Anti-La IgG Antibodies by ELISA	No Change

ANA IFA Reflex to Profile - LAB4385		
Workflow	<p>In this panel, reflex testing is performed only when the ANA IFA screen is positive. If ANA result is positive, reflex testing will include the ANA titer and staining pattern along with Sm/RNP, Smith, SSA, SSB, and dsDNA testing by ELISA. These ENA and dsDNA assays are reflexed <i>only</i> when ANA is positive. Centromere IgG is performed regardless of ANA status. Use this option when ENA and dsDNA testing is needed only in the setting of a positive ANA screen.</p>	
	Former	Revised
Test Name	ANA with Reflex to Profile	ANA IFA Reflex to Profile
Ordering Synonyms	ANA RFLX	No Change
Volume	3.0 mL Serum (minimum 2.0 mL)	No Change
Test 1 – Component 1: Screen (Required)	Negative Borderline Positive Strongly Positive	Negative Indeterminate Positive Moderate Positive High Positive Strong Positive
Test 1 - Component 2: Titer (Optional)	Negative = Negative Borderline = 1:160 Positive = 1:320 Strong Positive = >1:320	<1:80 1:80 1:160 1:320 1:640 >1:640
Test 1 - Component 3: Pattern (Optional)	Discrete Speckled Fine Speckled Fine Specked, Discrete Speckled Homogenous Homogenous Atypical Rim Homogenous Rim Nucleolar Speckled Speckled Nucleolar	Homogenous Speckled Nuclear Dots Nucleolar Centromere Speckled Nucleolar
Test 1 – Component 4: Cytoplasmic Pattern (Required)	N/A	Negative Positive
Test 2 - Centromere (Required)	Negative, Positive	Numerical value to be reported
Test 3 - dsDNA (Optional)	Anti-Double Stranded DNA IgG Antibodies by ELISA	No Change
Test 4 – Sm/RNP (Optional)	U1-RNP/ Smith (Sm) IgG Antibodies by ELISA	No Change
Test 5 - Smith (Optional)	Anti-Smith IgG Antibodies by ELISA	No Change
Test 6 - SSA (Optional)	Anti-Sjögren's Syndrome type A Antibodies or Anti-RO IgG Antibodies by ELISA	No Change
Test 7 – SSB (Optional)	Anti-Sjögren's Syndrome type B Antibodies or Anti-La IgG Antibodies by ELISA	No Change

ENA Panel with dsDNA- LAB3464		
Workflow	Sm/RNP, Smith, SSA, SSB, and dsDNA available as a standalone panel (without ANA screening).	
	Former	Revised
Test Name	Reflex ANA Profile without ANA	ENA Panel with dsDNA
Ordering Synonyms	RFLXPROFILE	ENA Panel
Volume	N/A	1.0 mL Serum (minimum 0.5 mL)
Test 3 - dsDNA (Required)	Anti-Double Stranded DNA IgG Antibodies by ELISA	No Change
Test 4 – Sm/RNP (Required)	U1-RNP/ Smith (Sm) IgG Antibodies by ELISA	No Change
Test 5 - Smith (Required)	Anti-Smith IgG Antibodies by ELISA	No Change
Test 6 - SSA (Required)	Anti-Sjögren's Syndrome type A Antibodies or Anti-RO IgG Antibodies by ELISA	No Change
Test 7 – SSB (Required)	Anti-Sjögren's Syndrome type B Antibodies or Anti-La IgG Antibodies by ELISA	No Change
SSA/ SSB Order Set – LAB344/ LAB345		
Workflow	SSA and SSB antibody testing can be ordered as individual assays, or combined SSA/SSB order set is available for testing both antibodies in a single order.	
	Former	Revised
Order Option 1 – SSA (LAB344)	Anti-Sjögren's Syndrome type A Antibodies or Anti-RO IgG Antibodies by ELISA	No Change
Order Option 2 – SSB (LAB345)	Anti-Sjögren's Syndrome type B Antibodies or Anti-La IgG Antibodies by ELISA	No Change
Order Option 3 – SSA & SSB (LAB344/ LAB345)	Anti-Sjögren's Syndrome type A Antibodies or Anti-RO IgG Antibodies by ELISA	Added a dropdown menu that allows providers to order the SSA/SSB order set.
	Anti-Sjögren's Syndrome type B Antibodies or Anti-La IgG Antibodies by ELISA	

Please call Exsera/Clinical Rheumatology Lab at (303) 724-7603 if you have any questions or visit our test catalog at <https://www.testmenu.com/universityhospital> for additional information.