

ACL Announces Launch of Additional AdvoOnc™ Hereditary Cancer Panels

Effective Thursday, October 22, 2026, ACL Laboratories will offer the following hereditary cancer genetic testing options at the ACL Illinois Central Laboratory:

AdvoOnc™ Hereditary Colorectal Cancer Panel (Test Order Code LAB13118)

- Comprehensive analysis of 24 genes associated with hereditary colorectal cancer syndromes.
- Intended for patients with a personal and/or family history suggestive of colorectal cancer or hereditary polyposis disorders.

AdvoOnc™ Comprehensive Hereditary Cancers Panel (Test Order Code LAB13120)

- Comprehensive analysis of 88 genes associated with inherited cancer predisposition syndromes.
- Intended for patients with a personal and/or family history of cancer involving breast, ovarian, colorectal, uterine, pancreatic, renal, thyroid, hematologic, stomach, and other hereditary cancer syndromes.
- Includes genes associated with common hereditary hematologic malignancy predisposition syndromes.

Clinical Indications

- Cancer diagnosed at an early age (≤ 50 years)
- Multiple relatives with the same or related cancer types
- Rare cancer types (e.g., ovarian, pancreatic, or male breast cancer)
- Tumors with characteristic features suggestive of a hereditary predisposition (e.g., triple-negative breast cancer)
- A known familial pathogenic or likely pathogenic variant associated with a hereditary cancer syndrome
- Suspected germline variants identified through somatic tumor testing
- Additional hereditary cancer testing criteria and management guidelines are available through the National Comprehensive Cancer Network (NCCN®).

Test Methodology

- Next Generation Sequencing (NGS)

Specimen Requirements

- Preferred - One pink (K2EDTA) 6.0 mL OR Two lavender (K2EDTA) 3.0 mL
- Also accepted - One ORAcollect™ DX Buccal Swab kit or One Oragene™ DX Saliva kit
 - » Available upon request. Contact an ACL Genetic Counselor at ACL-GeneticCounselors@advocatehealth.org
- Also accepted - Fibroblast cultured cells (skin punch biopsy)
 - » Please contact "ACL Lab Genetic Counselors" via Epic secure chat or ACL-GeneticCounselors@advocatehealth.org prior to submission of skin punch biopsy specimens

For additional information regarding this test, as well as specimen collection requirements, please contact ACL Client Services at 1.800.877.7016 or visit our website at <https://www.acllaboratories.com/providers/test-directory/>.

continued...

Supply Ordering

- ACL Outreach Clients can order these supplies through the online supply portal (NPN360)
- Internal ACL sites can obtain supplies using the below Workday information

Collection Kit	ORAcollect DX Buccal Swab	ORAgene DX Saliva
Workday Item#	3029385	3059266
Photo		

Transport

- 5.0 mL (minimum 1.0 mL) whole blood, refrigerated
- ORAcollect™ Dx Buccal Swab kit, ambient
- Oragene™ DX Saliva kit, ambient
- Fibroblast cultured cells: skin punch biopsy, ambient

Unacceptable Conditions

The following specimen conditions are not acceptable for testing:

- Clotted or significantly hemolyzed specimens (acceptability dependent on the degree of hemolysis)
- Blood specimens collected in anticoagulants other than K2EDTA
- Fresh tissue specimens (except skin biopsy specimens submitted for culture)
- Frozen tissue specimens
- Formalin-fixed paraffin-embedded (FFPE) tissue blocks or unstained slides
- Decalcified tissue specimens
- Specimens submitted in formalin
- Saliva or buccal swab specimens that do not meet collection and submission requirements
- Blood specimens from patients with a recent history of blood transfusion
- Blood specimens from patients with a history of allogeneic bone marrow or hematopoietic stem cell transplantation

For patients with active hematologic malignancies, a history of allogeneic bone marrow/stem cell transplantation, suspected mosaicism, or CHIP, alternative specimen types such as cultured skin fibroblasts, may be required to ensure accurate germline testing results.

Testing Schedule & Reporting

- Performed: Weekdays
- Performing Site: ACL Illinois Central Lab – Molecular Pathology
- Reporting Time: Final within 3 weeks

For additional information regarding these tests, as well as specimen collection requirements, please contact ACL Client Services at 1.800.877.7016 or visit our website at <https://www.acllaboratories.com/providers/test-directory/>.

ACL Announces the Launch of AdvoCarrier™ Screening Tests

Effective Thursday, October 22, 2026, ACL Laboratories will offer the following carrier screening genetic testing options at ACL's Illinois Central Laboratory.

AdvoCarrier™ Focused Carrier Screen (Test Order Code LAB13167)

6 Genes:

- CFTR • FMR1 • HBA1
- HBA2 • HBB • SMN1

AdvoCarrier™ Pan-Ethnic Carrier Screen (Test Order Code LAB13168)

20 Genes:

- ASPA • BLM • BTD • CFTR • DHCR7
- DLD • DMD • ELP1 • FMR1 • GAA
- GALT • GBA1 • HBA1 • HBA2 • HBB
- HEXA • MCOLN1 • PKHD1 • SMN1 • TMEM216

ACL Laboratories will also implement a new testing method for Cystic Fibrosis, Spinal Muscular Atrophy, and Fragile X. The Prenatal Carrier Screen Panel order set (Test Order Code LAB10171) that currently bundles these tests will be dissolved. Each test will be available to order individually.

- Cystic Fibrosis Mutation Panel (139 mutations) (Test Order Code LAB11337)
- Fragile X Diagnosis (Test Order Code LAB9926)
- Spinal Muscular Atrophy (SMA) Copy Number Analysis (Test Order Code LAB10172)

Clinical Indications

Carrier screening is clinically indicated for all individuals who are currently pregnant or intending to become pregnant and their reproductive partners. This genetic testing aims to identify individuals that carry genetic changes that put them at an increased risk to have a pregnancy affected with certain genetic conditions. These individuals are called 'carriers' of that genetic condition. Carriers of a genetic condition do not typically present with any features of the condition and may not have any known family history of this condition. The size and content of the specific testing offered to each individual may vary based on the individual's personal history, family history, and/or ethnic background. Full guidelines to evaluate what testing may be appropriate can be found through American College of Obstetricians and Gynecologists (ACOG) and the American College of Medical Genetics and Genomics (ACMG). Results of the carrier screening can impact reproductive planning and medical management of a pregnancy.

AdvoCarrier™ Focused Carrier Screen AdvoCarrier™ Pan-Ethnic Carrier Screen	Cystic Fibrosis Mutation Panel (139 mutations) Fragile X Diagnosis Spinal Muscular Atrophy (SMA) Copy Number Analysis
Specimen Requirements	
Preferred: One pink (K2EDTA) 6.0 mL OR Two lavender (K2EDTA) 3.0 mL Also accepted - One ORAcollection™ DX Buccal Swab kit or One Oragene™ DX Saliva kit » Available upon request. Contact an ACL Genetic Counselor at ACL-GeneticCounselors@advocatehealth.org	One pink (K2EDTA) 6.0 mL OR Two lavender (K2EDTA) 3.0 mL

continued...

AdvoCarrier™ Focused Carrier Screen AdvoCarrier™ Pan-Ethnic Carrier Screen		Cystic Fibrosis Mutation Panel (139 mutations) Fragile X Diagnosis Spinal Muscular Atrophy (SMA) Copy Number Analysis	
Transport			
5.0 mL (minimum 1.0 mL) whole blood, refrigerated ORAcollect™ Dx Buccal Swab kit, ambient Oragene™ DX Saliva kit, ambient		6.0 mL (minimum 1.0 mL) whole blood, refrigerated	
Unacceptable Conditions			
• Clotted or hemolyzed specimens, dependent on the level of hemolysis • Specimens collected in anticoagulants other than K2EDTA • Fresh or frozen tissue, FFPE tissue blocks, or slides • Decalcified tissue • Saliva or buccal swab samples not meeting collection requirements • Blood is not accepted for patients with a history of recent blood transfusion or an allogenic bone marrow/stem cell transplant		• Frozen specimens • Fetal cultured cells • Heparinized specimens • Plasma specimens • Serum specimens • History of previous order • Recent blood transfusion	
Test Methodology			
Next Generation Sequencing (NGS) Long Read Sequencing (LRS)		Long Read Sequencing (LRS)	

Supply Ordering

- ACL Outreach Clients can order these supplies through the online supply portal (NPN360)
- Internal ACL sites can obtain supplies using the below Workday information

Collection Kit	ORAcollect DX Buccal Swab	ORAgene DX Saliva
Workday Item#	3029385	3059266
Photo		

Testing Schedule & Reporting

- Performed: Weekdays
- Performing Site: ACL Illinois Central Lab – Molecular Pathology
- Reporting Time: Final results are reported within 2 weeks for the Focused Panel and 3 weeks for the Pan-Ethnic Panel

For additional information regarding these tests, as well as specimen collection requirements, please contact ACL Client Services at 1.800.877.7016 or visit our website at <https://www.acllaboratories.com/providers/test-directory/>.

New Orderable Codes

HLA-B*58:01 Genotyping, Allopurinol Hypersensitivity

Effective Wednesday, October 21, 2026, HLA-B*58:01 Genotyping, Allopurinol Hypersensitivity (Test Order Code LAB13566) will be available as an orderable test. The test information is below.

Test Information	Test Order Code
Test Order Code	LAB13566
Specimen Requirement	5.0 mL whole blood (minimum 3.0 mL)
Collection Tube	Pink EDTA
Temperature	Refrigerated
Stability	1 week
Methodology	Polymerase Chain Reaction (PCR) / Sequence-Specific Oligonucleotide Probe Hybridization / Massively Parallel Sequencing
TAT	Final within 9 Days
Performing Laboratory	ARUP

Voltage Gated Calcium Channel (VGCC) Antibody Panel

Effective Wednesday, October 21, 2026, Voltage Gated Calcium Channel (VGCC) Antibody Panel (Test Order Code LAB13556) will be available as an orderable test. The test information is below.

Test Information	Voltage Gated Calcium Channel (VGCC) Antibody Panel
Test Order Code	LAB13556
Specimen Requirement	1.0 mL serum (minimum 0.2 mL)
Collection Tube	Gold Gel
Temperature	Refrigerated
Stability	2 weeks
Methodology	Quantitative Radioimmunoassay (RIA)
TAT	Final within 11 days
Performing Laboratory	ARUP

Effective Wednesday, October 21, 2026, the following send out assays will be updated.

Aspergillus Antibody, Complement Fixation (Test Order Code LAB9364)

Test will be deactivated with no replacement.

Fungal Antibodies, with Reflex to Blastomyces dermatitidis Antibodies by Immunodiffusion CSF (Test Order Code LAB10454)

Test will be deactivated with no replacement.

Fungal Antibodies with Reflex to Blastomyces dermatitidis Antibodies by Immunodiffusion, Serum (Test Order Code LAB11753) will be deactivated with no replacement. Alternative test recommendations that ACL offers are: Fungal Antibodies, Immunodiffusion (Test Order Code LAB9545) and Blastomyces dermatitidis Antibodies by EIA with Reflex to Immunodiffusion, Serum (Test Order Code LAB10830).

continued...

Complement Component C2		
Test Name	Current (Deactivated 10.21.2026)	Replacement (Activated 10.21.2026)
Test Name	Complement C2	Complement Component C2
Test Order Code	LAB9464	LAB13595
Performing Lab	ARUP	ARUP
Specimen Type	Serum	1.0 mL Serum (minimum 0.3 mL)
Collection container	Gold Gel	Gold Gel
Temperature	Frozen	Frozen
Stability	2 weeks	2 weeks
Methodology	Radial Immunodiffusion	Quantitative Immunoturbidimetry
TAT	Final within 12 days	Final within 12 days

Complement Component C5		
Test Name	Current (Deactivated 10.21.2026)	Replacement (Activated 10.21.2026)
Test Name	Complement C5	Complement Component C5
Test Order Code	LAB9467	LAB13596
Performing Lab	ARUP	ARUP
Specimen Type	Serum	1.0 mL Serum (minimum 0.3 mL)
Collection container	Gold Gel	Gold Gel
Temperature	Frozen	Frozen
Stability	2 weeks	2 weeks
Methodology	Radial Immunodiffusion	Quantitative Immunoturbidimetry
TAT	Final within 10 days	Final within 10 days

continued...

Estradiol, Pediatric

Test Name	Current (Deactivated 10.21.2026)	Replacement (Activated 10.21.2026)
Test Name	Estradiol, Pediatric	Estradiol, Pediatric
Test Order Code	LAB9518	LAB13569
Performing Lab	LabCorp	Mayo
Specimen Type	Serum	1.2 mL Serum (minimum 0.7 mL)
Collection container	Gold Gel	Red Top
Temperature	Frozen	Refrigerated
Stability	2 years	28 days
Methodology	Liquid Chromatography-Tandem Mass Spectrometry	Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS)
TAT	Final within 12 days	Final within 8 days

FSH, Pediatric

Test Name	Current (Deactivated 10.21.2026)	Replacement (Activated 10.21.2026)
Test Name	FSH, Pediatric	FSH, Pediatric
Test Order Code	LAB9543	LAB13570
Performing Lab	LabCorp	Mayo
Specimen Type	Serum	0.6 mL Serum (minimum 0.5 mL)
Collection container	Gold Gel	Gold Gel
Temperature	Frozen	Refrigerated
Stability	200 days	7 days
Methodology	Two-Site Electrochemiluminescence	Electrochemiluminescence Immunoassay
TAT	Final within 12 days	Final within 9 days

LH, Pediatric

Test Name	Current (Deactivated 10.21.2026)	Replacement (Activated 10.21.2026)
Test Name	LH, Pediatric	LH, Pediatric
Test Order Code	LAB9647	LAB13571
Performing Lab	LabCorp	Mayo
Specimen Type	Serum	0.25 mL Serum (minimum 0.13 mL)
Collection container	Gold Gel	Gold Gel
Temperature	Frozen	Refrigerated
Stability	200 days	14 days
Methodology	Two-Site Electrochemiluminescence	Chemiluminescent Immunoassay (CIA)
TAT	Final within 12 days	Final within 8 days

For additional information regarding these tests, as well as specimen collection requirements, please contact ACL Client Services at 1.800.877.7016 or visit our website at <https://www.acllaboratories.com/providers/test-directory/>.

Changes to IFA Testing Effective October 31, 2026

Effective Saturday, October 31, 2026, the ACL WI Central Laboratory will no longer offer titers for two tests performed by manual indirect immunofluorescence antibody (IFA) testing. This is to align with current industry standards. Reference laboratories no longer offer these reflex titers.

The following assays will be affected:

- Liver-Kidney Microsome Antibody (LKM) – Test Order Code LAB8206
- Anti-Parietal Cell Antibody (APCA) – Test Order Code LAB8545

Testing Changes:

- LKM (Test Order Code LAB8206) and APCA (Test Order Code Treset LAB8545) will become screen-only tests.
- Titers for LKM and APCA will no longer be offered, consistent with current industry standards.

Please review ordering and result interpretation practices accordingly.

Delay in TAT

Due to an unforeseen circumstances, processing times for the laboratory tests listed below may be extended by up to 5 days beyond the usual turnaround time. We understand the importance of timely results and are actively working to minimize delays.

- DHEA Sulfate (Test Order Code LAB8191)
- Erythropoietin (Test Order Code LAB8193)
- Estriol (Test Order Code LAB8086)
- Inhibin A (Test Order Code LAB8539)
- Microsomal Antibody (Test Order Code LAB8541)
- Thyroglobulin Antibody (Test Order Code LAB8225)
- Thyroglobulin with Reflex (Test Order Code LAB8167)
- Thyroid Antibodies (Test Order Code LAB8556)
- Alpha Fetoprotein ONTD Screen (Test Order Code LAB8174)

We anticipate returning to standard turnaround times by October 24th, 2026. We appreciate your patience and understanding.

For additional information regarding these tests, as well as specimen collection requirements, please contact ACL Client Services at 1.800.877.7016 or visit our website at <https://www.acllaboratories.com/providers/test-directory/>.