ACL Laboratories
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Test Bulletin

August/September 2021

ACL Laboratories Announces Changes to the Reporting of eGFR

Background

ACL Laboratories reports an estimated GFR (eGFR) on all serum creatinine measurements based on recommendations by the National Kidney Foundation. Estimated GFR is calculated using the Chronic Kidney Disease Epidemiology Collaboration (CKI-EPI) equation. This equation takes into account serum creatinine, and patient demographics (age, sex, race) to provide an estimated GFR. The CKD-EPI equation is validated in individuals 18 years of age and older.

Effective immediately, ACL will make the following changes to the reporting of eGFR:

1. Change in Reference Range:
   Old Reference Range: eGFR > 90 ml/min
   New Reference Range: eGFR > 60 ml/min*
   *Values < 60 ml/min will be flagged as abnormal.
2. Modification of Interpretive Comments. Comments will be added based on the KDIGO Guidelines for the diagnosis of kidney disease only on eGFR values < 60 ml/min.

Stage	Terms	GFR mL/min
G3a	Mildly to moderately decreased	45 to 59
G3b	Moderately to severely decreased	30-44
G4	Severely decreased	15-29
G5	Kidney failure	<15

For additional information, please contact ACL Client Services at 1-800-877-7016 or visit ACL's Directory of Service at https://acllaboratories.com/providers/test-directory/.

References:

Frequently Asked Questions About GFR Estimates.
https://www.kidney.org/sites/default/files/docs/12-10-4004_abe_faqs_aboutgfrrev1b_singleb.pdf

KDIGO 2012 Clinical Practice Guideline for the Evaluation and Management of Chronic Kidney Disease.
Kidney Int. Suppl. Volume 3, January 2013.
https://kdigo.org/wp-content/uploads/2017/02/KDIGO_2012_CKD_GL.pdf

For additional information regarding these changes, please contact ACL Client Services or visit ACL's Directory of Service at https://acllaboratories.com/providers/test-directory/.

ACL Test Updates

JAK2 Gene, V617F Mutation, Qualitative with Reflex to JAK2 Exon 12 (Test Order Code LAB10465)

Effective immediately, JAK2 Gene, V617F Mutation, Qualitative with Reflex to JAK2 Exon 12 (Test Order Code LAB10465) will be deactivated. The test will be replaced by JAK2 (v617F) Mutation by ddPCR, Qualitative with Reflex to JAK2 Exon 12 Mutation Analysis by PCR (Test Order Code LAB10892). There are no changes to specimen requirements.

Specimen Requirements	JAK2 Gene, V617F Mutation, Qualitative with Reflex to JAK2 Exon 12 (Test Order Code LAB10465) *Deactivated*	JAK2 (v617F) Mutation by ddPCR, Qualitative with Reflex to JAK2 Exon 12 Mutation Analysis by PCR (Test Order Code LAB10892). *Replacement*
Methodology	Polymerase Chain Reaction	Droplet Digital PCR/PCR
Sample type	Lavender EDTA / Green (sodium heparin)	Lavender EDTA / Green (sodium heparin)
Specimen type	Whole Blood / Bone Marrow	Whole Blood/ Bone Marrow
Volume	5mL Whole Blood / 3.0 mL Bone Marrow	5mL Whole Blood / 3.0 mL Bone Marrow
Temperature	Refrigerated	Refrigerated
Turnaround time	8 Days	14 days

JAK2 Gene/V617F Mutation, Qualitative W/ Reflex to CALR and MPL (Test Order Code LAB10307)

Effective immediately, JAK2 Gene/V617F Mutation, Qualitative W/ Reflex to Calreticulin (CALR) and MPL (Test Order Code LAB10307) will be deactivated. The test will be replaced by JAK2 (617F) Mutation by ddPCR, Qualitative to Reflex to CALR Exon 9 Mutation Analysis by PCR with Reflex to MPL Mutation Detection (Test Order Code LAB10894). There are no changes to specimen requirements.

Specimen Requirements	JAK2 Gene/V617F Mutation, Qualitative W/ Reflex to CALR and MPL (Test Order Code LAB10307) *Deactivated*	JAK2 (617F) Mutation by ddPCR, Qualitative to Reflex to CALR (Calreticulin) Exon 9 Mutation Analysis by PCR with Reflex to MPL Mutation Detection (Test Order Code LAB10894). *Replacement*
Methodology	PCR/Capillary Electrophoresis/Capillary Electrophoresis	Droplet Digital PCR/Capillary Electrophoresis
Sample type	Lavender EDTA / Green (sodium heparin)	Lavender EDTA / Green (sodium heparin)
Specimen type	Whole Blood / Bone Marrow	Whole Blood/ Bone Marrow
Volume	5mL Whole Blood / 3.0 mL Bone Marrow	5mL Whole Blood / 3.0 mL Bone Marrow
Temperature	Refrigerated	Refrigerated
Turnaround time	8 Days	17 days

ACL Test Updates (cont'd)

Barbiturates, Quantitative (Test Order Code LAB9374)

Effective immediately, Barbiturates, Quantitative (Test Order Code LAB9374) will no longer report out Amobarbital or Secobarbital.

Anti-Neutrophil Cytoplasmic Antibody, ANCA Titer (Test Order Code LAB10580)

Effective immediately, Anti-Neutrophil Cytoplasmic Antibody, ANCA, Titer (Test Order Code LAB10580) will be deactivated at ARUP Laboratory. The test will be replaced by Anti-Neutrophil Cytoplasmic Antibody IgG (Test Order Code LAB10895). Specimen requirements have not changed.

Specimen Requirements	ANCA, Titer (Test Order Code LAB10580) *Deactivated*	Anti-Neutrophil Cytoplasmic Antibody IgG (Test Order Code LAB10895). *Replacement*
Methodology	Semi-Quantitative Indirect Fluorescent Antibody	Semi-Quantitative Indirect Fluorescent Antibody
Sample type	Gold Gel	Gold Gel
Specimen type	**Serum**	Serum
Volume	1.0 mL	1.0 mL
Temperature	Refrigerated	Refrigerated
Turnaround time	5 Days	5 days

Discontinuation of Atazanavir Level (Test Order Code LAB10431)

Effective immediately, Atazanavir Level testing has been discontinued. No replacement test is available.

Mosquito Borne Panel (Test Order Code LAB10069)

Effective immediately, the Mosquito Borne Panel (Test Order Code LAB10069) will no longer be performed in-house. As there is no panel available at ARUP Laboratory, this test will be replaced by three (3) individually orderable test order codes listed below.

ARUP Test Name	ACL Test Order Code	Specimen Requirement	Volume	Temperature
Zika Virus IGM Antibody Capture (MAC), by ELISA	LAB10880	Gold Gel	2.0 mL serum	Refrigerated
Dengue Fever Virus Antibodies, IGG and IGM	LAB10879	Gold Gel	1.0 mL serum	Refrigerated
Chickungunya Antibodies, IGG and IGM	LAB10878	Gold Gel	1.0 mL serum	Refrigerated

For additional information regarding these tests, please contact ACL Client Services at 1-800-877-7016 or visit ACL's Directory of Service at https://acllaboratories.com/providers/test-directory/.

Inflammatory Bowel Disease Panel (Test Order Code LAB9619)

Effective immediately, Inflammatory Bowel Disease Panel (Test Order Code LAB9619) will be deactivated at ARUP Laboratories. The test will be replaced by Inflammatory Bowel Disease Differentiation (Test Order Code LAB10896). Specimen requirements have not changed.

Specimen Requirements	Inflammatory Bowel Disease Panel (Test Order Code LAB9619) *Deactivated*	Inflammatory Bowel Disease Differentiation (Test Order Code LAB10896) *Replacement*
Methodology	Semi-Quantitative ELISA/Semi-Quantitative Indirect Fluorescent Antibody	Semi-Quantitative ELISA/Semi-Quantitative Indirect Fluorescent Antibody
Sample type	Gold Gel	Gold Gel
Specimen type	Serum	Serum
Volume	1.5 mL	1.5 mL
Temperature	Refrigerated	Refrigerated
Turnaround time	6 Days	6 days

For additional information regarding this tests please contact ACL Client Services at 1-800-877-7016 or visit ACL's Directory of Service at https://acllaboratories.com/providers/test-directory/.

ACL Recommends HIV1 RNA, Qualitative PCR (LAB8947)

Effective immediately, Cleveland Clinic Laboratories has discontinued offering HIV-1 Qualitative Test by PCR (Test Order Code LAB8947). The recommended replacement is ACL Laboratories HIV-1 RNA Quantitative PCR (Test Order Code LAB8831). Specimen requirements are as follows:

Specimen Requirements	LAB8831 Effective Immediately	LAB8947 Discontinued
Collection Tube	Lavender EDTA	Lavender EDTA
Specimen type	**Plasma**	Whole Blood
Volume	**2.0 mL (min 1.0 mL)**	4.0 mL (min 2.0 mL)
Temperature	**Frozen**	Refrigerated
Turnaround time	5 Days	8 Days