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MLABS – DEPARTMENT OF PATHOLOGY
ATTN: IMPORTANT TEST INFORMATION
TEST UPDATE 608

NOTICE DATE: February 8, 2017

EFFECTIVE DATE: February 3, 2017

REFERENCE RANGE CHANGE

Cardiolipin Antibody, IgA
Order Code: MMLR
Reference Laboratory: Mayo ACLIP (86179)

Mayo Medical Laboratories has replaced the Varelisa Cardiolipin,IgA kit with the QUANTA Lite ACA IgA III kit by Inova Diagnostics effective February 3, 2017, due to discontinuation of the Varelisa kit. This change resulted in a change to the reference range as follows:

Reference Range: <15 APL (negative), 15.0 – 39.9 APL (weakly positive), 40.0 – 79.9 APL (positive), > or =80.0 APL (strongly positive). APL refers to IgA Phospholipid Units. One APL unitis 1 microgram of IgA antibody.

EFFECTIVE DATE: February 9, 2017

REFERENCE LABORATORY CHANGE

Leptospira Antibody
Order Code: LEPTO
Fee Code: 32151
Reference Laboratory: Mayo FLEPM (ARUP 0055233)
New Reference Lab: Mayo LEPDT

Mayo Medical Laboratories will begin performing Leptospira Antibody testing in-house effective February 9, 2017.

Collection Instructions: Collect specimen in an SST (preferred) or red top tube. Centrifuge, aliquot 0.3 mL (minimum 0.1 mL) of serum into a plastic vial and refrigerate. Acute and convalescent specimens obtained to determine seroconversion should be collected 2 or more weeks apart.

Reference Range: Negative

EFFECTIVE DATE: February 22, 2017

NEW TEST

Legionella DNA by PCR, Qualitative
Order Code: PCRLG
Fee Code: pending

Effective February 22, 2017, the MLabs Microbiology Laboratory will begin offering Legionella by PCR on BAL (bronchial alveoli lavage) and sputum specimens.

Legionella pneumophila is a thin, aerobic, pleomorphic, flagellated, nonspore-forming, Gram-negative bacterium of the genus *Legionella*. *Legionella* is a ubiquitous respiratory pathogen species primarily causing Legionnaires' disease and Pontiac fever. Currently, over 60 *Legionella* species including 70 distinct serogroups have been identified (http:www.bacterio.net/legionella.html). While *Legionella pneumophila* causes the majority of Legionnaires' disease cases, nearly half of all *Legionella* species have been associated with human disease. Due to the nonspecific clinical presentation of *Legionella* pneumonia, a timely diagnosis and institution of appropriate therapy is important.

Current diagnostic methods for *Legionella* include the current gold standard of bacterial culture on selective media, urinary antigen and serology testing. Culture can take days to obtain definitive results and urinary antigen testing is specific only for *Legionella pneumophila* Serogroup 1 with serology also suffering from a lack of specificity. PCR has become an important diagnostic tool for the detection and differentiation of *Legionella pneumophila* and *Legionella* species.

The MLabs assay will be performed on the EliTech instrument. This assay will be able to detect and differentiate *Legionella pneumophila* serogroups and other non-*Legionella pneumophila* species.

Collection Instructions: Collect 5 mL lower respiratory specimen in a non-polystyrene sterile tube or container. Acceptable specimens include bronchoalveolar lavage (BAL) or sputum (induced sputum is preferred). Refrigerate immediately after specimen collection. May be refrigerated up to 24 hrs. If an unacceptable specimen is received, the client will be notified and another specimen will be requested.

EFFECTIVE DATE: March 1, 2017

REFLEX TESTING ADDED

Syphilis Antibody, IgG
Order Code: MMLR
Fee Code: 32081
Reference Laboratory: Mayo SYPGR (34510)

Currently, if the results of Mayo Medical Laboratory's Syphilis IgG Antibody assay are positive, a Rapid Plasma Reagin (RPR) assay is performed automatically at an additional charge and if the RPR is negative, Syphilis Antibody TP-PA is performed at an additional charge. Effective March 1, 2017, if a reflexed RPR assay is positive, an RPR Titer (CPT 86593) will be performed at an additional charge.

EFFECTIVE DATE: March 1, 2017

REFLEX TESTING ADDED

Syphilis Screening Test, VDRL, CSF
Order Code: VDSF
Fee Code: 21925
Reference Laboratory: Mayo VDSF (9028)

Effective March 1, 2017, if the Syphilis Screen Test, VDRL, CSF assay is positive, a VDRL Titer (CPT 86593) will be performed at an additional charge.