

ADx TEST UPDATES

September 2009

A monthly update of ADx testing services

T-SPOT interferon gamma release assay

T-Spot®.TB is a cellular assay for determination of exposure to *M. tuberculosis* and assists in the diagnosis of both latent and active tuberculosis infection. It is an alternative to QuantiFERON®-TB, and a more sensitive and specific test compared with traditional tuberculin skin testing.

Test code: TSPOT

Performed in Immunology Laboratory

Respiratory Virus Panel, by PCR

Multiplexed molecular detection of 16 respiratory viruses to assist in diagnosis of respiratory viral infections in otherwise healthy patients and in patients with underlying chronic conditions such as asthma, COPD, immunosuppression and other lung diseases. This test can simultaneously look for 16 respiratory viruses in a single patient sample and is a significant improvement in turn around time compared to viral culture.

Test code: RESPLEX

Performed in Molecular Diagnostics Laboratory

C1-Inhibitor, chromogenic functional assay

The Chromogenic method for measuring the functional activity of C1-inhibitor from patient sera is an essential test for the diagnosis of Hereditary or Acquired Angioedema. It significantly improves the dynamic range and sensitivity of testing for C1-inhibitor function.

Test code: CEICHR

Performed in Complement Laboratory

Toll-Like Receptor Defect Screening Assay

Peripheral blood mononuclear cell response to stimulation with TLR (Toll like receptor) ligands 1 through 9, measured by release of TNF- α , to broadly assess defects in the TLR signaling pathway and to aid diagnosis of immunodeficiency disorders.

Test code: TLR

Performed in Immunology Laboratory

Reference Range Change - AH50 Hemolytic Assay

The mean is 118 Units/mL and the standard deviation is 20 Units/mL, **yielding a normal range (plus or minus two standard deviations) of 77-159 Units/mL**. Previous normal range was 28-144 Units/mL.

For more detail on any of these tests

- *visit NJlabs.org*
- *call client services at 800.550.6227 (press 7)*
- *Contact Renée Parker at 303.270.2597*