

**January 12, 2022**

To: SHC and LPCH Medical Staff

From: Stanford Health Care Clinical Laboratories

**Subject: Retiring Pneumocystis Stain (Direct Fluorescent Antibody test) and replacing with *Pneumocystis jirovecii* PCR**

Starting January 17, 2022, the Clinical Microbiology laboratory will replace Pneumocystis Pneumonia Stain (Direct Fluorescent Antibody test) with ***Pneumocystis jirovecii* PCR**. Pneumocystis Stain will no longer be offered.

*P. jirovecii* PCR assay is more sensitive than Pneumocystis Stain and additionally can be performed on plasma to detect cell-free DNA and non-invasively diagnosis more than half of the patients with pneumocystis pneumonia. The PCR assay will be performed daily Mon. – Fri. with 0-2 days turn-around time.

Assay Offered		No Longer Offered Starting January 17, 2022
<b>Assay Name</b>	<b><i>Pneumocystis jirovecii</i> PCR</b>	Pneumocystis Stain
<b>EPIC Code</b>	<b>LABPJPCR</b>	SHC: LABPCYS LPCH: LAB906
<b>Pathogen/Method</b>	<b>This assay detects <i>Pneumocystis jirovecii</i> via PCR methodology.</b>	This assay detects <i>Pneumocystis jirovecii</i> via DFA technique.
<b>Specimen Type</b>	<b>Plasma; Bronchoalveolar Lavage (BAL); Induced Sputum</b>	Lower and upper respiratory specimens only
<b>Ordersets/Preference List</b>	<b>Will be updated by TDS</b>	Will be removed by TDS

For more information on *P. jirovecii* PCR assay, visit Stanford's Lab Guide:  
<https://stanfordlab.com/content/stanfordlab/en/test-details/p/PJPCR.html>

For questions, please contact Dr. Niaz Banaei (nbanaei@stanford.edu)  
Medical Director, Clinical Microbiology Laboratory