

March 2021

To: Clients of the New York Hospital Laboratories (NYHL)

From: NYHL Management

Subject: **Implementation of SARS-CoV-2 anti-spike protein antibody assay at NYHL**

Dear Valued NYHL Client,

The New York Hospital Laboratories are pleased to announce a SARS-CoV-2 antibody assay that targets the spike (S) protein (**Anti-S SARS-CoV-2 Ab**) is available for you to order effective immediately.

In addition to the current Elecsys anti-SARS-CoV-2 immunoassay that targets the nucleocapsid (N) protein, we have validated the Elecsys anti-SARS-CoV-2S Ab assay which targets on the S protein receptor binding domain in human serum (EPIC order name: Anti-S SARS-CoV-2 Ab). This electrochemiluminescence immunoassay on the Roche cobas e411 immunoassay analyzer detects human SARS-CoV-2 antibodies that are generated as part of the human adaptive immune response to the COVID-19 virus. Individual who have received either Pfizer or Moderna vaccine are expected to test positive after the second dose of vaccine. **Please collect 5mL of blood in a gold top SST for this assay.** Results will be reported as positive or negative within 72 hours. The Anti-S SARS-CoV-2 Ab assay should not be used to diagnose acute SARS-CoV-2 infection. False positive results for the Anti-S SARS-CoV-2 Ab assay may occur due to cross-reactivity from pre-existing antibodies or a past or present infection with non-SARS-CoV-2 human coronavirus strains, such as coronavirus HKU1, NL63, OC43, or 229E.

The assay is only for use under FDA Emergency Use Authorization (EUA). For more information, please see:

<https://diagnostics.roche.com/content/dam/diagnostics/us/en/products/e/elecsys-anti-sars-cov-2-s/Anti-SARS-Cov-2-S-FDA-Healthcare-Providers-Fact-Sheet.pdf>

TEST	EPIC TEST CODE	CHANGE HEALTHCARE CODE
ANTI-S SARS-COV-2 AB	LAB57761	802409759

Please direct any questions regarding the new test to Dr. Zhen Zhao, Director of the Central Laboratory at 212-746-2682 email: [zhz9010@med.cornell.edu](mailto:zhz9010@med.cornell.edu), or Dr. Sarina Yang, Assistant Director of the Central Laboratory at 212-746-6292, email: [hey9012@med.cornell.edu](mailto:hey9012@med.cornell.edu).

Thank you very much for your cooperation. As always, we appreciate your continued support of the Laboratories at NewYork-Presbyterian Hospital/Weill Cornell Medical Center.