



醫院管理局  
HOSPITAL  
AUTHORITY

From: Prof. Rossa WK CHIU  
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Date: 31<sup>st</sup> July 2019

To: All COSs, DOMs & Medical staff, NTEC  
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**Implementation of Enzyme-linked Immunosorbent Assay (ELISA) for Anti-extractable Nuclear Antigen (ENA) Antibody Test**  
**Implementation Date: 12<sup>th</sup> August 2019**

ENA antibodies are diagnostic markers for a number of autoimmune diseases such as systemic lupus erythematosus, Sjogren's syndrome, systemic sclerosis, mixed connective tissue disease, or polymyositis. In our department, detection of ENA antibodies has been done by the line-blot assay that requires visual interpretation and manual transcription of results. For the purpose of improving testing efficiency and enhancing service quality, effective from 12<sup>th</sup> August 2019, we will be using automatic ELISA as first-line screening for the presence of ENA antibodies. For ENA ELISA positive results, antibody specificity [i.e. Sm, RNP, SS-A (Ro60), SS-B (La), Scl-70, or Jo-1] will be further delineated by the existing line-blot assay.

This new ELISA test can be requested electronically through the Generic Clinical Request System (GCRS) under the section Immunology, by the test-code ENAE. If there is any enquiry regarding the above modifications, please contact our Scientific Officer (Medical) at 5569-9070.

Thank you for your kind attention.

Sincerely yours,

Prof. Rossa WK CHIU

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