



PRINCE OF WALES HOSPITAL

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From: Prof YM Dennis LO
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Tel / Fax No.: 2632 3338 / 2636 5090

Date: 3rd September 2014

To: All COSs, DOMs, Medical Staff, NTEC
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Cc: Dr CT HUNG, HCE(PWH) / CCE(NTEC)
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Replacement of ELISA-based Anti-thyroid Antibody Tests by Automated Enzyme-labelled Chemiluminescent Immunometric Assay in NTEC

Date of Implementation: 10th September 2014

With an aim to improve laboratory efficiency and service provision, the two ELISA-based anti-thyroid antibody tests i.e. anti-thyroglobulin antibodies and anti-thyroid peroxidase antibodies for investigation of autoimmune thyroid disorders will be replaced by automated enzyme-labelled chemiluminescent immunometric-based assays with effect from 6pm, 10th September 2014. Important information of the discontinued and new tests are listed in the following tables.

DISCONTINUED TESTS	Reportable range	Reference range	Unit
Anti-thyroglobulin (TGE), Serum	20 - 3000	<100	IU/mL
Anti-thyroid peroxidase (TPOE), Serum	10 - 1500	<50	IU/mL

NEW TESTS	Reportable range	Reference range	Unit
Anti-thyroglobulin Ab (ATGA), Serum	20 - 112000	<40	kIU/L
Anti-thyroid peroxidase Ab (TPO), Serum	10 - 1000	<35	kIU/L

The two new tests can be requested electronically through the Generic Clinical Request System (GCRS) under the section **Biochemistry**. The sample requirement will change to **5 mL blood in orange-top serum gel separator clot activator tube**. The frequency of testing will be once weekly. Further details on test information can be found in our department test menu posted at the PWH Chemical Pathology i-Hospital homepage (iChemPath@PWH).

If there is an enquiry on the above new tests, please contact our Duty Biochemist at 2632-2685, or page through PWH Operator at 2632-2211.

Thank you very much for your kind attention.

Sincerely yours,

Professor Y M Dennis Lo