



醫院管理局
HOSPITAL
AUTHORITY

From: Prof Allen KC CHAN
Honorary Chief of Service
Dept of Chemical Pathology
PWH

Tel / Fax No: 3505 3589 / 2648 4262

Date: 27 November 2020

To: All COSs, DOMs & Medical staff, NTEC

Cc: Dr SV LO, HCE(PWH)/ CCE(NTEC)

Dr David SUN, HCE(NDH)

Dr CY MAN, HCE(AHNNH/TPH)

Dr NC SIN, HCE(SH/BBH/SCH)

Dr Michael CHAN, CCPATH(NTEC)

All Duty Biochemists, PWH(CP)

Ms KM CHAN, DM Path (AHNNH/NDH)

Ms Karen LAW, DM, PWH(CP)

**Enhanced Serum Thyroglobulin and Anti-Thyroid Antibodies Testing Service
Implementation Date: 03 December 2020**

With an aim to improve laboratory efficiency and service provision, serum thyroglobulin test and the two serum anti-thyroid antibodies tests (i.e. anti-thyroglobulin antibodies and anti-thyroid peroxidase antibodies) will be migrated to a new automated immunoassay platform with effect from 03 December 2020. In addition to the improved test performance with better precision, **the new sensitive serum thyroglobulin assay has an improved detection limit down to 0.1 µg/L**, which allows early detection of disease relapse in monitoring patients with thyroid cancer after ablative treatment using unstimulated thyroglobulin test.

The test requesting procedure via Generic Clinical Request System (GCRS) and the specimen requirement (5 mL blood in serum gel separator clot activator tube for adults; 1.6 mL blood in two vials of paediatric clotted blood tube for paediatric patients) will remain unchanged. Reference intervals and footnotes for result interpretation are updated on the laboratory report. Details can be found in the Test Menu posted at the PWH Chemical Pathology i-Hospital homepage (iCHEMPATH@PWH).

New Reference Intervals are summarized as follow:

Test	Reference Interval	Unit
Thyroglobulin	Healthy subjects: 3.5 - 77 Post total thyroidectomy: ≤0.2	µg/L
Anti-thyroglobulin antibodies	<115	kIU/L
Anti-thyroid peroxidase antibodies	<34	kIU/L

If there is enquiry, please contact our Duty Biochemist at 3505 2685, or page through PWH Operator at 3505 2211.

Thank you for your kind attention.

Sincerely yours,

Prof Allen KC CHAN

Prince of Wales Hospital
Hospital Authority
30-32 Ngan Shing Street,
Shatin, N.T.
Tel: (852) 3505 2211
Fax: (852) 2637 8244

威爾斯親王醫院
醫院管理局
新界沙田銀城街30-32號
電話: (852) 3505 2211
傳真: (852) 2637 8244

