



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: 9 March 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)
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Ms C LEONG, DM Path (AHNNH/NDH)
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**Revision of Serum Total Immunoglobulin A/G/M Reference Intervals
on 11 March 2020**

Please kindly be informed that the serum total immunoglobulin A (IgA)/ immunoglobulin G (IgG)/ immunoglobulin M (IgM) tests will be migrated to a new automated immunoassay platform to improve laboratory efficiency and service provision. A new set of reference intervals will be quoted for the tests (See Appendix). The new assay will be introduced into routine service on 11 March 2020 at the Department of Chemical Pathology, PWH.

The new reference intervals will be provided in the laboratory report. Details can be found in the Test Menu posted at the PWH Chemical Pathology i-Hospital homepage (iCHEMPATH@PWH). The test requesting procedure via Generic Clinical Request System (GCRS) and specimen requirement (serum gel separator clot activator tube; paediatric clotted blood tube) will remain unchanged. 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

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Appendix:

Revised Reference Intervals

Serum Total IgA (Unit: g/L)

Age	Male	Female
0 to 3 months	0.01 – 0.34	0.01 – 0.34
>3 months to 1 year	0.08 – 0.91	0.08 – 0.91
>1 to 12 years	0.21 – 2.91	0.21 – 2.82
>12 to 60 years	0.63 – 4.84	0.65 – 4.21
>60 years	1.01 – 6.45	0.69 – 5.17

Serum Total IgG (Unit: g/L)

Age	Male	Female
0 to 1 month	3.97 – 17.7	3.91 – 17.4
>1 month to 1 year	2.05 – 9.48	2.03 – 9.34
>1 to 2 years	4.75 – 12.1	4.83 – 12.3
>2 years	5.40 – 18.2	5.52 – 16.3

Serum Total IgM (Unit: g/L)

Age	Male	Female
0 to <3 months	0.06 – 0.21	0.06 – 0.21
3 months to 1 year	0.17 – 1.43	0.17 – 1.50
>1 to 12 years	0.41 – 1.83	0.47 – 2.40
>12 years	0.22 – 2.40	0.33 – 2.93

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