

Memorandum

TO: External & Internal Customers

FROM: Michelle Blake, Business Development Manager, LabPLUS

DATE: 25 September 2018

SUBJECT: Method change for serum Immunoglobulin M. Effective date 25th June 2018

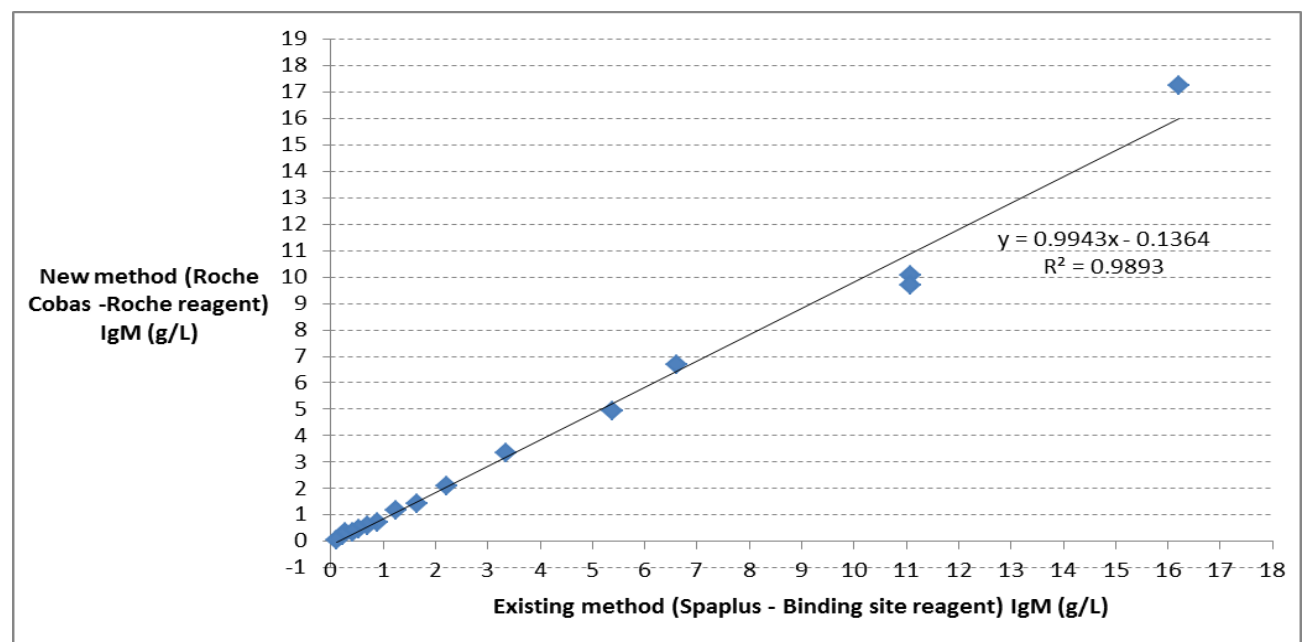
Dear Customer(s),

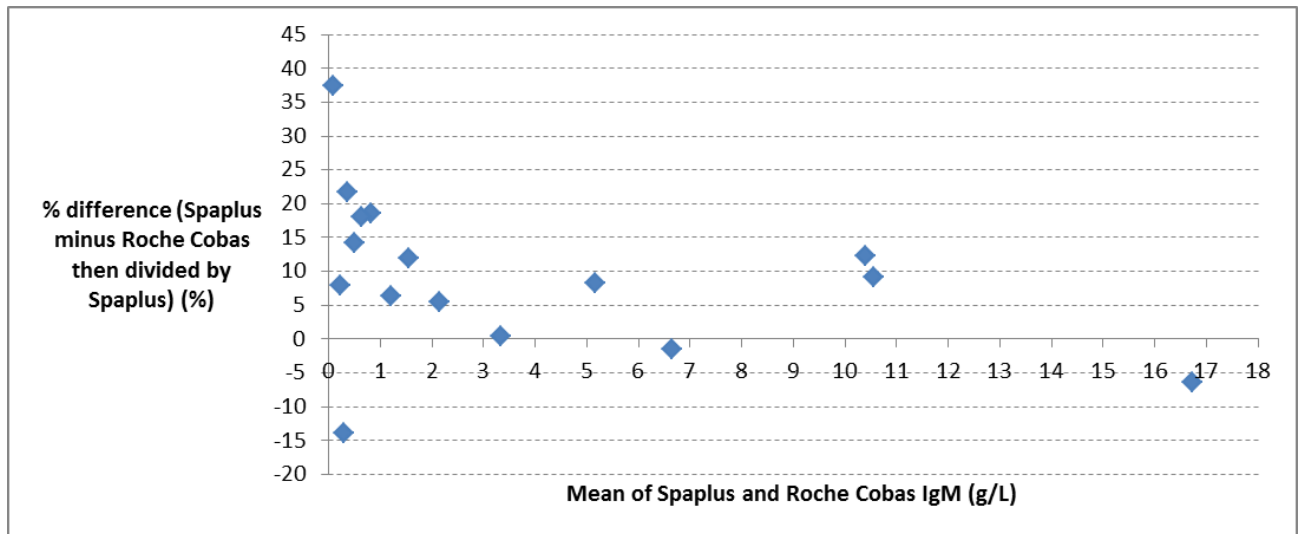
On behalf of the Department of Virology and Immunology at Labplus, we have changed the method for serum immunoglobulin M. This change was effective on 25 June 2018.

Serum Immunoglobulin G and A testing have not been affected.

Due to multiple analytical issues on the Spaplus (Binding site reagent) platform, the testing of serum Immunoglobulin M (IgM) was changed to the Roche Cobas (Roche reagent) analyser on 25/6/18. This change improves inter-batch precision (C.V.<2%) and also improves turnaround time (available 24hrly, 7 days a week).

The Cobas method, similar to the Spaplus method, utilises immunoturbidimetric methodology. Correlation between the methods revealed comparable results (linear regression analysis and Bland-Altman plot below). **Levels below 1 g/L will be slightly lower on the Roche platform**





Serum Immunoglobulin G and A testing have not been affected. They are still measured by the Spaplus immunoturbidimetric method.

If you require further information, please don't hesitate to contact one of our Chemical Pathologists on chemicalpathologist@adhb.govt.nz

You can also contact one of chemical Pathologists via LabLINK at (09) 307 8995 and ask for on-duty chemical pathologist.