New assay – IgG tTG for IgA deficient coeliac serology – December 2019

As of 6th December 2019, we have replaced our IgG endomysial antibody assay (indirect immunofluorescence) with IgG tTG (tissue transglutaminase, fluorescence enzyme immunoassay). This assay is used in the investigation and monitoring of coeliac disease in patients with low or deficient total IgA. Please note the following points:

- The overall testing strategy remains the same – IgA tTG remains the first line screen for coeliac disease.
- The IgA tTG test is effective in detecting IgA deficiency – there is no need to request immunoglobulins at the same time.
- We will continue to add IgG tTG when appropriate – if IgA tTG is negative with a low response, and total IgA is ≤0.4 g/L.
- IgG tTG will not be requestable on Trakcare/electronic ordering systems.
- IgG tTG provides a quantitative numerical result (negative <7 U/mL, equivocal 7-10 U/mL, positive >10 U/mL), rather than qualitative, which will aid patient monitoring.
- Interpretative information will be added to reports.
- IgG tTG will be performed routinely on a weekly basis.

Please contact the laboratory (0141 347 8872) if you have any queries or would like to discuss this update.