

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.