

15 May 2019

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Dear Colleagues,

RE: Immunology- Changes to thyroid peroxidase (TPO) antibody reporting:

We have been informed by the Immunology laboratory at East Kent University Hospitals NHS Trust that as of 18 March 2019 there is a change in reference range for TPO antibody. This is due to a change in method.

The new recommended normal range is <5.6 IU/mL

Any result ≥ 5.6 IU/L is a positive result. Please note, there is no equivocal range.

The following comment will be issued on all reports:

TPO antibody results are of no diagnostic value in euthyroid patients. They are most useful in patients with sub clinical hypothyroidism to assess risk of progression to hypothyroidism. Repeated measurements are not indicated. For further information please visit - <https://tinyurl.com/EKHUFT-TA>

And advice on the clinical interpretation of results and appropriateness of testing is available Monday to Friday (9.00 – 17:00) from the clinical scientist (01233 616716) and the consultant clinical scientist at St George's Hospital (0208 7255752).

Thank you for your support with this change.

Yours faithfully

Supriya Joshi
Clinical Director