

Department of Immunology  
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Date 01.03.2023

Dear Customer,

**Re: TSHR antibody reference range and test platform changes**

As a valued service user, we would like to inform you that there has been a change made to the reference ranges/units for the Thyroid Stimulating Hormone Receptor antibody (TSHR) test.

The test is referred to Synnovis's Blood Sciences Laboratory (Clinical Chemistry) at St. Thomas' Hospital. In November 2022, there was a change in test platform to the Abbott Alinity analyser. The reference ranges and units of measure have subsequently changed and results should not be compared to pre-Nov 2022 levels. The **new reference range is NEGATIVE = < 3.10 IU/L and POSITIVE = >3.10 IU/L** (old ref ranges were Negative = < 1.75 U/L).

We apologise for the delay in notifying you. This delay was partly due to an internal miscommunication regarding the changes and we have put in place procedures to prevent this happening in the future. Any reports impacted have been corrected and amended reports issued.

If you have any queries in regards to this letter, please send an email to: [Marta.Tesfamicael1@nhs.net](mailto:Marta.Tesfamicael1@nhs.net)

Kindest regards,

**Marta Tesfamicael (Bsc Msc Fibms CSci)**  
Operations Manager

