# NATIONWIDE SURVEY OF COELIAC DISEASE SEROLOGY TESTING IN THE UNITED KINGDOM

Mohamed Shiha

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**A nationwide UK survey of 342 laboratories reveals significant variability in coeliac disease serological testing that challenges implementation of no-biopsy diagnostic approaches.**

KEY POINTS

- Twelve different tissue transglutaminase assays were identified across 177 laboratories performing in-house testing, with upper limit of normal thresholds ranging from 3 to 30 IU/mL even within laboratories using the same assays.
- Only 43% of laboratories routinely measured total IgA when IgA-tTG was requested, and median turnaround time for results was 7 days with a range of 1 to 21 days.
- The authors conclude that standardisation of serological testing is urgently needed and that local assay validation remains critical until standardisation is achieved.
- This survey is relevant for clinicians and laboratory professionals involved in coeliac disease diagnosis and for those considering adoption of no-biopsy diagnostic pathways.

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