



October 2025

Re-Standardisation of Total Protein Assay

The supplier of our Total Protein test has modified their calibrator to ensure traceability to the National Institute of Standards and Technology (NIST).

The net effect on our Total protein results is an increase of 4% which is within clinically acceptable limits as determined by the College of American Pathologists (CAP).

Pathlab will be amending our Total Protein and Globulin reference intervals and the associated trigger values for recommending repeat testing and for protein electrophoresis.

A comment will be appended to all Total Protein reports for a period of 3 months, as follows:

“TP results have increased by 4% following re-standardisation of the assay. The reference interval has been adjusted accordingly. The assay is otherwise unchanged.”

New Reference Intervals:

Test	Age Range	Current Ref Interval	New Ref Interval	Units
Total Protein	0 – 5 Month	40 – 65	42 – 68	g/L
Total Protein	6 Month to 1 Year	46 – 68	48 – 71	g/L
Total Protein	1 year to 2 Year	51 – 70	53 – 73	g/L
Total Protein	Older than 2 Year	60 – 80	62 – 83	g/L
Globulin	All ages	25 – 41	27 – 43	g/L

This change is effective Monday 3rd November 2025

Dr. Timothy Sutton
Pathologist

John Woodford
Service Lead, Biochemistry

Please ensure all members of your institution
receive a copy of this clinical update.