



CBC Reporting Update: Relative Reference Range Discontinuation and Unit Code Retirement

Offering our clients state-of-the-art testing is part of CPL's ongoing commitment to excellence.

Effective July 6, 2021, Clinical Pathology Laboratories (CPL) will discontinue reference intervals for the relative percentage WBC differentials for unit codes 1000, 1001, 1007, 1013, and 1015. Additionally, unit codes 1011, 1014, 1016, 1017 and 1050 will be retired as redundant. See below for recommended replacement unit codes which will provide equivalent or comparable testing to those that are being discontinued. These are the final planned CBC reporting updates.

Under most circumstances, clinically relevant WBC elevations and decreases are defined by absolute counts rather than relative percentages. Current recommendations from the College of American Pathologists (CAP) and the Clinical and Laboratory Standards Institute (CLSI), recommend that absolute counts of the WBC differential be reported and used for patient management.

Important notes:

- Current state-of-the-art CBC instrumentation assesses many 1000's of WBC's in automated differentials to provide higher accuracy and precision with shorter turn-around-time for the significant majority of samples.
- The analyzer algorithms interpret signals from WBC, RBC and platelet channels to alert laboratory scientists of an abnormal pathological specimen for manual assessment of smear morphology.
- On smear review, the laboratory has specific criteria to replace automated WBC differential with manual differential and morphology.
- In the event of a manual differential, the laboratory will also provide the precise automated absolute WBC differential count for clinical use.
- After slide review, the technologist will note if criteria are met for pathologist slide review.

Please contact your CPL Account Representative should you have any questions regarding the changes described above.

Discontinued Unit Codes		Suggested Replacement Unit Codes	
1011	CBC with Absolute Neutrophil Count	1000	CBC w/Auto Diff with Platelets
1014	CBC with Absolute White Blood Cells	1000	CBC w/Auto Diff with Platelets
1016	CBC with Manual Diff/Absolute WBC	1007	CBC with Manual Differential
1017	CBC with Auto Diff,ABS WBC,MPV,PLT	1013	CBC w/MPV and Auto Diff
1050	Reticulocyte Count	1051	Reticulocyte with Absolute

Thank you for supporting Clinical Pathology Laboratories