

NEW TEST TEST CHANGE

NOTIFICATION DATE: 07/25/2023

EFFECTIVE DATE: Immediate

CBC with Auto Diff (CBC/D) Test Update Nucleated Red Blood Cells

On the effective date, the reference range for Nucleated Red Blood Cells, a parameter in the CBC with Auto Diff test, has been updated to age-based ranges outlined in the table below.

Nucleated red blood cells (NRBCs) are immature red blood cells that have not completed development and cannot perform their functions. In the normal neonate, NRBCs are rapidly cleared from the bloodstream after birth, but may persist up to 1 week in preterm newborns. In healthy adults and children, NRBCs are usually not present.

NRBCs are quantified by counting the number of NRBCs per 100 white blood cells (WBCs) on peripheral smear. We will set up the reference range of NRBCs/100WBCs of term babies in the Complete Blood Cell (CBC) test report. There is no change for the test order from either SCM or Allscripts.

Test Requirement/Parameters	New	Previous
Reference Range	Age less than 3 days 0-10 nRBCs/100WBCs Age 3-6 days 0-5 nRBCs/100WBCs Age greater than 6 days 0-0 nRBCs/100WBCs	For all ages 0-0 nRBCs/100 WBCs
Computer Interface Code	PDM #5500290	PDM #5500290
Test Order	CBC/D	CBC/D

If you have any questions, please contact Client Services at (800) 472-5757.

