

## New Test Profile: Extended CBC with Differential

Date: May 21<sup>st</sup>, 2025

Effective Date: June 15<sup>th</sup>, 2025

UR Labs will be introducing a new test profile which contains all parameters reported in a Complete Blood Count with Differential (CBCD) and the addition of several current and new parameters. The **Extended CBC with Differential (XCBCD)** is a profile intended for limited use and will not be replacing the CBCD for routine clinical analysis.

The XCBCD will be performed at Strong Memorial Hospital and the UR Central Laboratory 24/7 with the exception of Sundays and holidays at UR Central Laboratory. The expected turn-around-time for the XCBCD test will be 4 hours at SMH and within 24 hours at UR Central Laboratory. *For routine monitoring and STAT testing, please continue to use the CBC and CBCD test profiles.*

### Collect:

One 4mL lavender (EDTA), (K<sub>2</sub>EDTA preferred)  
SMH only – pink K<sub>2</sub> EDTA accepted

### Unacceptable Conditions:

Frozen, clotted, or grossly hemolyzed samples  
Specimens with a volume less than 0.5mL  
Centrifuged specimens

### Stability:

Ambient: 24 hours; Refrigerated: 24 hours; Frozen: N/A  
Clinical Trials Specimens: 72 hours

### Reference Intervals:

Please see XCBCD on the [UR Labs Test Index](#)

From: W. Richard Burack, MD, PhD  
Vice Chair for Clinical Operations  
Department of Pathology and Laboratory Medicine  
Phone: (585) 275-5662  
E-mail: [Richard\\_Burack@urmc.rochester.edu](mailto:Richard_Burack@urmc.rochester.edu)

Geoffrey Harris, MSBA, MLS(ASCP)  
Lab Manager, SMH Core Labs  
Phone: (585) 275-2435  
E-mail: [Geoffrey\\_Harris@urmc.rochester.edu](mailto:Geoffrey_Harris@urmc.rochester.edu)

CBCD	XCBCD
WBC	WBC
RBC	RBC
HGB	HGB
HCT	HCT
MCV	MCV
RDW	RDW
PLT	PLT
	MPV
	MCH
	MCHC
NEUT#	NEUT#
NEUT%	NEUT%
LYMPH#	LYMPH#
MONO#	MONO#
EOS#	EOS#
BASO#	BASO#
NRBC#	NRBC#
IG#	IG#
IG%	IG%
	RETIC%
	RET-HGB
	RETIC#