



CONTROL | L | N | H

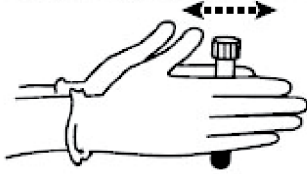
IMPORTANT: The barcode is for use only on the CELL-DYN Ruby. Refer to the appropriate System Operator's Manual for proper use of CELL-DYN Calibrator and Control Products.

IMPORTANT: Mixing and Handling

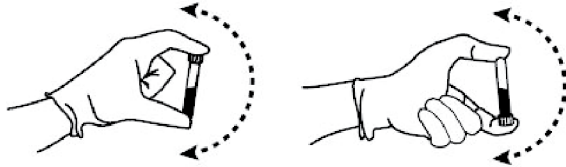
1. Remove a vial of the control from the refrigerator and warm to room temperature (18° to 30° C) for 15 minutes before use.
2. To mix: (**Do NOT mix mechanically or vortex.**)

For a video demonstration, visit www.corelaboratory.abbott and navigate to the Customer Portal → Technical Library → Other Reference Documents → Hematology Aids.

- a. Hold the vial vertically and roll each vial between the palms of the hands for 15-20 seconds.



- b. Continue to mix by holding the vial by the ends between the thumb and finger, rapidly inverting the vial 20 times end-over-end using a very quick turning motion of the wrist.



- c. Analyze immediately after mixing. Subsequent analyses during this test period may be performed by inverting the vial 5 times prior to instrument analysis.
- d. Steps a-c must be repeated upon removing the sample from the refrigerator for the entire open-vial time period regardless of the method of analysis (open tube, cap piercing, auto sample or manual sample).

3. Refer to the appropriate CELL-DYN System Operator's Manual for information about analyzing control specimens.

4. FOR AUTOMATED SAMPLING OR MANUAL CLOSED SAMPLING (CS):

- Refer to the appropriate CELL-DYN Operator's Manual. Remove the vial from the sample handler immediately after sampling.

FOR OPEN-VIAL SAMPLING:

- Aspirate a sample from the vial.
- Carefully wipe the vial rim and cap with a lint-free tissue.
- Replace the cap, ensuring it is on tight.

After sampling, return vial to refrigerator for maximum open-vial stability. If run in the open mode, wipe the threads of both vial and cap before replacing cap and returning to refrigerator.

		Exp. 2026-04-03		8 Consecutive Day Open-Vial Stability			
		CONTROL L		CONTROL N		CONTROL H	
		LOT	L6019	LOT	N6019	LOT	H6019
SYSTEM	PARAMETER	ASSAY VALUE	± MEAN RANGE *	ASSAY VALUE	± MEAN RANGE *	ASSAY VALUE	± MEAN RANGE *
CELL-DYN Ruby SYSTEM	WBC (WOC) 10 ⁹ /L	3.9	0.4	7.0	0.7	16.1	2.5
	WBC (NOC) 10 ⁹ /L	3.9	0.4	7.2	1.0	16.1	2.5
	NEU 10 ⁹ /L	2.2	0.3	4.0	0.8	9.2	2.0
	NEU %	57.5	8.0	57.7	8.0	57.2	10.0
	LYM 10 ⁹ /L	1.1	0.3	1.9	0.8	4.5	2.0
	LYM %	27.3	9.0	27.2	9.0	27.7	10.0
	MONO 10 ⁹ /L	0.3	0.2	0.6	0.4	1.4	0.6
	MONO %	8.8	5.0	8.9	5.0	8.9	3.0
	EOS 10 ⁹ /L	0.1	0.1	0.2	0.2	0.4	0.2
	EOS %	3.0	3.0	2.3	2.0	2.3	1.0
	BASO 10 ⁹ /L	0.2	0.1	0.3	0.2	0.6	0.6
	BASO %	4.1	3.0	3.8	3.0	4.0	3.0
	RBC 10 ¹² /L	2.75	0.15	4.22	0.20	5.23	0.30
	HGB g/dL	6.5	0.4	11.2	0.6	15.9	0.8
	HCT %	18.7	1.5	31.3	2.5	41.7	3.5
	MCV fL	67.9	4.0	74.2	4.0	79.8	5.0
	MCH pg	23.6	2.0	26.5	2.0	30.4	2.0
	MCHC g/dL	34.8	2.3	35.8	3.0	38.1	2.3
	RDW %	13.8	2.5	13.0	2.5	10.4	2.5
	PLT 10 ⁹ /L	74	20	218	30	525	60
MPV fL	9.6	3.0	9.2	3.0	9.3	3.0	

* The **MEAN RANGE** does not represent standard deviations (SD).

NOTE: Flags may occur with control materials and should be disregarded.



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REF 08H59-01, 08H59-02

