

scil vCell 5 QC

Control materials for scil vCell 5
veterinary hematology analyzers

CONTROL

LOT N5P117



05-03-2024

Software version: 1.6.2017.0

Assay Sheet revision: 15-12-2023

	Parameters	Units	LOW				NORMAL				HIGH			
			mean	limit	min	max	mean	limit	min	max	mean	limit	min	max
FOR PARAMETERS MARKED WITH AN ASTERISK (*) PLEASE REFER TO THE ADVISORY NOTE ISSUED FOR CONTROL LOT N5P117	WBC / GB	10 ³ /μL & 10 ⁹ /L	*3.5 ± 0.6	2.9	4.1		7.5 ± 0.8	6.7	8.3		21.7 ± 2.2	19.5	23.9	
	LYM%	%	*38.6 ± 7.0	31.6	45.6		23.7 ± 6.0	17.7	29.7		11.0 ± 6.0	5.0	17.0	
	MON%	%	*7.0 ± 6.0	1.0	13.0		5.4 ± 5.0	0.4	10.4		3.1 ± 3.0	0.1	6.1	
	NEU%	%	*51.0 ± 7.0	44.0	58.0		67.6 ± 7.0	60.6	74.6		81.7 ± 8.0	73.7	89.7	
	EOS%	%	*2.1 ± 2.0	0.1	4.1		2.4 ± 2.0	0.4	4.4		3.7 ± 3.0	0.7	6.7	
	BAS%	%	*1.3 ± 0.7	0.6	2.0		0.9 ± 0.5	0.4	1.4		0.5 ± 0.3	0.2	0.8	
	LYM#	10 ³ /μL & 10 ⁹ /L	*1.4 ± 0.4	1.0	1.8		1.8 ± 0.6	1.2	2.4		2.4 ± 1.3	1.1	3.7	
	MON#	10 ³ /μL & 10 ⁹ /L	0.2 ± 0.2	0.0	0.4		0.4 ± 0.4	0.0	0.8		0.7 ± 0.5	0.2	1.2	
	NEU#	10 ³ /μL & 10 ⁹ /L	1.7 ± 0.6	1.1	2.3		5.0 ± 1.3	3.7	6.3		17.7 ± 3.0	14.7	20.7	
	EOS#	10 ³ /μL & 10 ⁹ /L	0.1 ± 0.1	0.0	0.2		0.2 ± 0.2	0.0	0.4		0.8 ± 0.8	0.0	1.6	
	BAS#	10 ³ /μL & 10 ⁹ /L	0.1 ± 0.1	0.0	0.2		0.1 ± 0.1	0.0	0.2		0.1 ± 0.1	0.0	0.2	
	RBC / GR	10 ⁶ /μL & 10 ¹² /L	2.20 ± 0.20	2.00	2.40		4.69 ± 0.32	4.37	5.01		5.11 ± 0.40	4.71	5.51	
	HGB	g/dL	5.6 ± 0.4	5.2	6.0		12.8 ± 0.6	12.2	13.4		15.6 ± 0.8	14.8	16.4	
		g/L	56 ± 4	52	60		128 ± 6	122	134		156 ± 8	148	164	
		mmol/L	3.48 ± 0.25	3.23	3.73		7.94 ± 0.37	7.57	8.31		9.68 ± 0.50	9.18	10.18	
	HCT	%	19.1 ± 2.7	16.4	21.8		46.0 ± 5.4	40.6	51.4		54.2 ± 6.3	47.9	60.5	
		L/L	0.19 ± 0.03	0.16	0.22		0.46 ± 0.06	0.40	0.52		0.54 ± 0.07	0.47	0.61	
	MCV / VGM	fL	87 ± 5	82	92		98 ± 5	93	103		106 ± 5	101	111	
	MCH / TCMH	pg	25.5 ± 3.8	21.7	29.3		27.3 ± 2.8	24.5	30.1		30.5 ± 3.0	27.5	33.5	
		fmol	1.58 ± 0.24	1.34	1.82		1.69 ± 0.17	1.52	1.86		1.89 ± 0.19	1.70	2.08	
	MCHC / CCMH	g/dL	29.3 ± 4.5	24.8	33.8		27.8 ± 3.7	24.1	31.5		28.8 ± 3.6	25.2	32.4	
		g/L	293 ± 45	248	338		278 ± 37	241	315		288 ± 36	252	324	
		mmol/L	18.2 ± 2.8	15.4	21.0		17.3 ± 2.3	15.0	19.6		17.9 ± 2.2	15.7	20.1	
	RDWcv / IDR	%	18.0 ± 3.0	15.0	21.0		16.0 ± 2.8	13.2	18.8		15.9 ± 2.5	13.4	18.4	
	PLT	10 ³ /μL & 10 ⁹ /L	70 ± 25	45	95		225 ± 50	175	275		450 ± 70	380	520	
	PCT / Tct	%	0.06 ± 0.04	0.02	0.10		0.19 ± 0.08	0.11	0.27		0.37 ± 0.15	0.22	0.52	
	MPV / VPM	fL	8.3 ± 2.0	6.3	10.3		8.5 ± 2.0	6.5	10.5		8.2 ± 2.0	6.2	10.2	
	PDWcv / IDP	%	56.0 ± 7.0	49.0	63.0		58.0 ± 7.0	51.0	65.0		60.0 ± 6.0	54.0	66.0	

NNEU
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64/146

LOW

NORMAL

HIGH



How to use the QR codes:

1. Start the analyzer, wait for the Main Menu.
2. Go to Daily Routine.
3. Tap menu (≡) button in lower right corner.
4. Tap "Read QR".
5. Align the code on the screen so that only one is visible entirely, aligned parallel with the camera and the front panel.
6. The analyzer will acknowledge successful scanning with a message.
7. Repeat the process for all three levels.

Scanning a QR code multiple times will NOT create multiple QC bank entries.

How to upload QRC files:

1. Copy QRC files to the root folder of a USB stick.
2. Connect the stick with the analyzer ON.
3. Go to Daily Routine and tap menu (≡) button in lower right corner.
4. Select "Load QR". Successful loading will be acknowledged by a message.



For further information, please refer to the instructions for use.



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