

scil vCell 5 QC

Control materials for scil vCell 5
veterinary hematology analyzers

CONTROL

LOT N5P128



05-01-2026

Software version: 1.6.2017.0

Assay Sheet revision: 07-10-2025

Parameters	Units	LOW				NORMAL				HIGH			
		mean	limit	min	max	mean	limit	min	max	mean	limit	min	max
WBC / GB	10 ³ /μL & 10 ⁹ /L	3.3	± 0.6	2.7	3.9	7.5	± 0.8	6.7	8.3	20.4	± 2.2	18.2	22.6
LYM%	%	37.1	± 7.0	30.1	44.1	19.3	± 6.0	13.3	25.3	13.7	± 6.0	7.7	19.7
MON%	%	7.0	± 5.0	2.0	12.0	5.2	± 4.5	0.7	9.7	3.3	± 3.0	0.3	6.3
NEU%	%	50.5	± 7.0	43.5	57.5	68.1	± 7.0	61.1	75.1	75.6	± 8.0	67.6	83.6
EOS%	%	4.1	± 2.5	1.6	6.6	6.5	± 4.0	2.5	10.5	6.8	± 4.5	2.3	11.3
BAS%	%	1.3	± 0.7	0.6	2.0	0.9	± 0.5	0.4	1.4	0.6	± 0.3	0.3	0.9
LYM#	10 ³ /μL & 10 ⁹ /L	1.2	± 0.4	0.8	1.6	1.4	± 0.6	0.8	2.0	2.8	± 1.3	1.5	4.1
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	± 0.7	0.0	1.4
NEU#	10 ³ /μL & 10 ⁹ /L	1.7	± 0.5	1.2	2.2	5.1	± 1.3	3.8	6.4	15.4	± 3.0	12.4	18.4
EOS#	10 ³ /μL & 10 ⁹ /L	0.1	± 0.1	0.0	0.2	0.5	± 0.3	0.2	0.8	1.4	± 1.0	0.4	2.4
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	2.19	± 0.20	1.99	2.39	4.71	± 0.32	4.39	5.03	5.24	± 0.40	4.84	5.64
HGB	g/dL	5.4	± 0.4	5.0	5.8	13.2	± 0.6	12.6	13.8	15.8	± 0.8	15.0	16.6
	g/L	54	± 4	50	58	132	± 6	126	138	158	± 8	150	166
	mmol/L	3.35	± 0.25	3.10	3.60	8.19	± 0.37	7.82	8.56	9.81	± 0.50	9.31	10.31
HCT	%	19.5	± 2.7	16.8	22.2	49.5	± 5.4	44.1	54.9	57.6	± 6.3	51.3	63.9
	L/L	0.20	± 0.03	0.17	0.23	0.49	± 0.06	0.43	0.55	0.58	± 0.07	0.51	0.65
MCV / VGM	fL	89	± 5	84	94	105	± 5	100	110	110	± 5	105	115
MCH / TCMH	pg	24.7	± 3.8	20.9	28.5	28.0	± 2.8	25.2	30.8	30.2	± 3.0	27.2	33.2
	fmol	1.53	± 0.24	1.29	1.77	1.74	± 0.17	1.57	1.91	1.87	± 0.19	1.68	2.06
MCHC / CCMH	g/dL	27.7	± 4.5	23.2	32.2	26.7	± 3.7	23.0	30.4	27.4	± 3.6	23.8	31.0
	g/L	277	± 45	232	322	267	± 37	230	304	274	± 36	238	310
	mmol/L	17.2	± 2.8	14.4	20.0	16.6	± 2.3	14.3	18.9	17.0	± 2.2	14.8	19.2
RDWcv / IDR	%	19.0	± 3.0	16.0	22.0	17.0	± 2.8	14.2	19.8	17.0	± 2.5	14.5	19.5
PLT	10 ³ /μL & 10 ⁹ /L	64	± 25	39	89	214	± 50	164	264	461	± 70	391	531
PCT / Tct	%	0.05	± 0.04	0.01	0.09	0.17	± 0.08	0.09	0.25	0.37	± 0.15	0.22	0.52
MPV / VPM	fL	7.6	± 2.0	5.6	9.6	8.0	± 2.0	6.0	10.0	8.0	± 2.0	6.0	10.0
PDWcv / IDP	%	56.0	± 9.0	47.0	65.0	59.0	± 7.0	52.0	66.0	59.0	± 6.0	53.0	65.0

NNEU
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70/144

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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