

# scil vCell 5 QC

Control materials for scil vCell 5  
veterinary hematology analyzers

**CONTROL**

**LOT** N5P119



**05-07-2024**

Software version: 1.6.2017.0

Assay Sheet revision: 10-04-2024

Parameters	Units	LOW				NORMAL				HIGH			
		mean	limit	min	max	mean	limit	min	max	mean	limit	min	max
WBC / GB	10 <sup>3</sup> /μL & 10 <sup>9</sup> /L	<b>3.2</b>	± 0.6	2.6	3.8	<b>7.6</b>	± 0.8	6.8	8.4	<b>20.0</b>	± 2.2	17.8	22.2
LYM%	%	<b>38.0</b>	± 7.0	31.0	45.0	<b>20.0</b>	± 6.0	14.0	26.0	<b>12.4</b>	± 6.0	6.4	18.4
MON%	%	<b>7.0</b>	± 6.0	1.0	13.0	<b>7.0</b>	± 5.0	2.0	12.0	<b>4.0</b>	± 3.0	1.0	7.0
NEU%	%	<b>51.5</b>	± 7.0	44.5	58.5	<b>69.5</b>	± 7.0	62.5	76.5	<b>77.0</b>	± 8.0	69.0	85.0
EOS%	%	<b>2.2</b>	± 2.0	0.2	4.2	<b>2.5</b>	± 2.2	0.3	4.7	<b>6.0</b>	± 5.0	1.0	11.0
BAS%	%	<b>1.3</b>	± 0.7	0.6	2.0	<b>1.0</b>	± 0.5	0.5	1.5	<b>0.6</b>	± 0.3	0.3	0.9
LYM#	10 <sup>3</sup> /μL & 10 <sup>9</sup> /L	<b>1.2</b>	± 0.4	0.8	1.6	<b>1.5</b>	± 0.6	0.9	2.1	<b>2.5</b>	± 1.3	1.2	3.8
MON#	10 <sup>3</sup> /μL & 10 <sup>9</sup> /L	<b>0.2</b>	± 0.2	0.0	0.4	<b>0.5</b>	± 0.4	0.1	0.9	<b>0.8</b>	± 0.5	0.3	1.3
NEU#	10 <sup>3</sup> /μL & 10 <sup>9</sup> /L	<b>1.6</b>	± 0.6	1.0	2.2	<b>5.3</b>	± 1.3	4.0	6.6	<b>15.4</b>	± 3.0	12.4	18.4
EOS#	10 <sup>3</sup> /μL & 10 <sup>9</sup> /L	<b>0.1</b>	± 0.1	0.0	0.2	<b>0.2</b>	± 0.2	0.0	0.4	<b>1.2</b>	± 0.8	0.4	2.0
BAS#	10 <sup>3</sup> /μL & 10 <sup>9</sup> /L	<b>0.1</b>	± 0.1	0.0	0.2	<b>0.1</b>	± 0.1	0.0	0.2	<b>0.1</b>	± 0.1	0.0	0.2
RBC / GR	10 <sup>6</sup> /μL & 10 <sup>12</sup> /L	<b>2.15</b>	± 0.20	1.95	2.35	<b>4.78</b>	± 0.32	4.46	5.10	<b>5.30</b>	± 0.40	4.90	5.70
HGB	g/dL	<b>5.5</b>	± 0.4	5.1	5.9	<b>13.2</b>	± 0.6	12.6	13.8	<b>16.0</b>	± 0.8	15.2	16.8
	g/L	<b>55</b>	± 4	51	59	<b>132</b>	± 6	126	138	<b>160</b>	± 8	152	168
	mmol/L	<b>3.41</b>	± 0.25	3.16	3.66	<b>8.19</b>	± 0.37	7.82	8.56	<b>9.93</b>	± 0.50	9.43	10.43
HCT	%	<b>18.9</b>	± 2.7	16.2	21.6	<b>47.8</b>	± 5.4	42.4	53.2	<b>55.6</b>	± 6.3	49.3	61.9
	L/L	<b>0.19</b>	± 0.03	0.16	0.22	<b>0.48</b>	± 0.06	0.42	0.54	<b>0.56</b>	± 0.07	0.49	0.63
MCV / VGM	fL	<b>88</b>	± 5	83	93	<b>100</b>	± 5	95	105	<b>105</b>	± 5	100	110
MCH / TCMH	pg	<b>25.6</b>	± 3.8	21.8	29.4	<b>27.6</b>	± 2.8	24.8	30.4	<b>30.2</b>	± 3.0	27.2	33.2
	fmol	<b>1.59</b>	± 0.24	1.35	1.83	<b>1.71</b>	± 0.17	1.54	1.88	<b>1.87</b>	± 0.19	1.68	2.06
MCHC / CCMH	g/dL	<b>29.1</b>	± 4.5	24.6	33.6	<b>27.6</b>	± 3.7	23.9	31.3	<b>28.8</b>	± 3.6	25.2	32.4
	g/L	<b>291</b>	± 45	246	336	<b>276</b>	± 37	239	313	<b>288</b>	± 36	252	324
	mmol/L	<b>18.0</b>	± 2.8	15.2	20.8	<b>17.1</b>	± 2.3	14.8	19.4	<b>17.9</b>	± 2.2	15.7	20.1
RDWcv / IDR	%	<b>18.5</b>	± 3.0	15.5	21.5	<b>17.0</b>	± 2.8	14.2	19.8	<b>16.0</b>	± 2.5	13.5	18.5
PLT	10 <sup>3</sup> /μL & 10 <sup>9</sup> /L	<b>57</b>	± 25	32	82	<b>190</b>	± 50	140	240	<b>404</b>	± 70	334	474
PCT / Tct	%	<b>0.04</b>	± 0.04	0.00	0.08	<b>0.14</b>	± 0.08	0.06	0.22	<b>0.31</b>	± 0.15	0.16	0.46
MPV / VPM	fL	<b>7.5</b>	± 2.0	5.5	9.5	<b>7.5</b>	± 2.0	5.5	9.5	<b>7.7</b>	± 2.0	5.7	9.7
PDWcv / IDP	%	<b>58.0</b>	± 7.0	51.0	65.0	<b>61.0</b>	± 7.0	54.0	68.0	<b>62.0</b>	± 6.0	56.0	68.0

**NNEU**  
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**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.



**scil animal care company GmbH**  
Dina-Weissmann-Allee  
668519 Viernheim  
GERMANY

