

Supplementary

Table S1 Reproducibility results

Parameters	Control level	N	Mean	Repeatability		Between-run		Within-day		Between-day		Within-laboratory	
				SD	CV%	SD	CV%	SD	CV%	SD	CV%	SD	CV%
RBC	Level 1	20	4.17	1.62	39.0%	0.00	0.0%	1.62	39.0%	0.00	0.0%	1.62	39.0%
	Level 2	20	47.94	5.12	10.7%	2.46	5.1%	5.68	11.8%	0.00	0.0%	5.68	11.8%
	Level 3	20	219.65	11.08	5.0%	0.00	0.0%	11.08	5.0%	4.55	2.1%	11.98	5.5%
	Level 4	20	990.77	29.70	3.0%	13.93	1.4%	32.81	3.3%	18.43	1.9%	37.63	3.8%
WBC	Level 1	20	4.33	1.40	32.3%	0.37	8.6%	1.45	33.4%	0.25	5.7%	1.47	33.9%
	Level 2	20	49.83	4.47	9.0%	0.94	1.9%	4.56	9.2%	2.77	5.6%	5.34	10.7%
	Level 3	20	227.47	14.18	6.2%	3.41	1.5%	14.58	6.4%	2.30	1.0%	14.76	6.5%
	Level 4	20	1,144.10	36.03	3.1%	20.34	1.8%	41.37	3.6%	14.75	1.3%	43.92	3.8%

RBC, red blood cells; WBC, white blood cells; SD, standard deviation; CV, coefficient of variation.

Table S2 Results of carryover rate

Parameters	Level	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10
RBC	H1	3,265.00	3,468.00	4,468.10	4,485.90	5,215.00	5,493.70	10,430.40	11,055.90	77,804.20	87,118.90
	H2	3,105.00	3,637.80	4,438.70	4,441.00	5,256.60	5,657.80	10,510.80	12,080.10	84,846.10	80,979.00
	H3	3,011.00	3,462.00	4,627.70	4,279.70	5,392.50	5,375.00	10,669.70	11,305.60	85,293.70	74,454.50
	L1	0.00	0.00	0.50	0.00	0.50	0.50	0.50	0.00	1.00	2.80
	L2	0.00	0.00	0.00	0.00	0.50	0.50	0.00	0.00	0.50	1.40
	L3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Carryover	0.00%	0.00%	0.01%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%
WBC	H1	3,763.90	4,054.50	4,900.40	5,807.30	6,062.90	6,625.10	8,643.40	8,710.70	10,682.00	10,990.20
	H2	4,004.60	4,526.80	5,057.50	6,148.30	6,562.40	6,714.40	8,615.40	9,495.80	10,832.00	10,275.90
	H3	3,727.70	3,522.90	5,124.80	5,868.10	6,180.30	6,620.80	8,053.10	8,228.90	11,065.00	9,830.30
	L1	1.40	0.50	0.90	0.50	0.00	0.90	0.50	0.50	0.00	0.90
	L2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	L3	0.00	0.00	0.50	0.50	0.00	0.00	0.00	0.50	0.00	0.50
	Carryover	0.04%	0.01%	0.01%	0.00%	0.00%	0.01%	0.01%	0.00%	0.00%	0.00%

RBC, red blood cell; WBC, white blood cell.