

Hematology Control

LOT EX040

2010-07-05

Quality Control Months: April, May, June

EXCELL 16/18/10Vet	LOT EX040L				LOT EX040N				LOT EX040H			
	Mean	Limits	Range		Mean	Limits	Range		Mean	Limits	Range	
WBC K/uL	2.1	± 0.4	1.7	2.5	7.6	± 0.8	6.8	8.4	20.3	± 2.2	18.1	22.5
Lym. K/uL	1.2	± 0.3	0.9	1.5	2.5	± 0.6	1.9	3.1	3.5	± 1.3	2.2	4.8
Mid. K/uL	0.2	± 0.1	0.1	0.3	0.5	± 0.4	0.1	0.9	0.8	± 0.7	0.1	1.5
Gran. K/uL	0.7	± 0.3	0.4	1.0	4.6	± 0.7	3.9	5.3	16.0	± 1.6	14.4	17.6
Lymp%	57.0	± 7.0	50.0	64.0	33.0	± 6.0	27.0	39.0	17.0	± 5.0	12.0	22.0
Mid %	11.0	± 5.0	6.0	16.0	7.0	± 4.0	3.0	11.0	4.0	± 3.0	1.0	7.0
Gran%	32.0	± 6.0	26.0	38.0	60.0	± 7.0	53.0	67.0	79.0	± 7.0	72.0	86.0
RBC M/uL	2.40	± 0.15	2.25	2.55	4.75	± 0.20	4.55	4.95	5.53	± 0.24	5.29	5.77
HGB g/dL	6.2	± 0.4	5.8	6.6	13.8	± 0.6	13.2	14.4	18.1	± 0.8	17.3	18.9
HCT %	18.4	± 2.0	16.4	20.4	39.9	± 2.4	37.5	42.3	51.7	± 2.8	48.9	54.5
MCV fL	76.5	± 4.0	72.5	80.5	84.0	± 4.0	80.0	88.0	93.5	± 4.0	89.5	97.5
MCH pg	25.8	± 2.4	23.4	28.2	29.1	± 2.8	26.3	31.9	32.7	± 2.8	29.9	35.5
MCHC g/dL	33.8	± 3.0	30.8	36.8	34.6	± 3.0	31.6	37.6	35.0	± 3.0	32.0	38.0
RDW %	14.0	± 4.0	10.0	18.0	13.0	± 4.0	9.0	17.0	12.5	± 4.0	8.5	16.5
PLT K/uL	75	± 25	50	100	235	± 40	195	275	470	± 65	405	535
MPV fL	10.1	± 2.0	8.1	12.1	8.2	± 2.0	6.2	10.2	8.0	± 2.0	6.0	10.0

Platelet Interference alarms (or PLT/RBC overlap) and WBC differential "R" alarms may be seen. This is expected of this product and the alarms should be disregarded.

Evolution	LOT EX040L				LOT EX040N				LOT EX040H			
	Mean	Limits	Range		Mean	Limits	Range		Mean	Limits	Range	
WBC K/uL	2.0	± 0.4	1.6	2.4	7.6	± 0.8	6.8	8.4	20.3	± 2.2	18.1	22.5
Lym. K/uL	1.0	± 0.3	0.7	1.3	2.2	± 0.6	1.6	2.8	2.8	± 1.1	1.7	3.9
Mid. K/uL	0.3	± 0.2	0.1	0.5	0.6	± 0.4	0.2	1.0	1.0	± 0.8	0.2	1.8
Gran. K/uL	0.7	± 0.3	0.4	1.0	4.8	± 0.7	4.1	5.5	16.5	± 1.6	14.9	18.1
Lymp%	53.5	± 7.0	46.5	60.5	29.0	± 6.0	23.0	35.0	14.0	± 5.0	9.0	19.0
Mid %	13.0	± 5.0	8.0	18.0	7.5	± 4.0	3.5	11.5	4.5	± 3.0	1.5	7.5
Gran%	33.5	± 6.0	27.5	39.5	63.5	± 7.0	56.5	70.5	81.5	± 7.0	74.5	88.5
RBC M/uL	2.35	± 0.15	2.20	2.50	4.76	± 0.20	4.56	4.96	5.51	± 0.24	5.27	5.75
HGB g/dL	6.0	± 0.4	5.6	6.4	13.7	± 0.6	13.1	14.3	18.1	± 0.8	17.3	18.9
HCT %	18.0	± 2.0	16.0	20.0	40.0	± 2.4	37.6	42.4	51.5	± 2.8	48.7	54.3
MCV fL	76.5	± 4.0	72.5	80.5	84.0	± 4.0	80.0	88.0	93.5	± 4.0	89.5	97.5
MCH pg	25.5	± 2.4	23.1	27.9	28.8	± 2.8	26.0	31.6	32.8	± 2.8	30.0	35.6
MCHC g/dL	33.4	± 3.0	30.4	36.4	34.3	± 3.0	31.3	37.3	35.1	± 3.0	32.1	38.1
RDW %	14.0	± 4.0	10.0	18.0	13.5	± 4.0	9.5	17.5	13.0	± 4.0	9.0	17.0
PLT K/uL	75	± 25	50	100	245	± 40	205	285	490	± 65	425	555
MPV fL	9.5	± 2.0	7.5	11.5	8.0	± 2.0	6.0	10.0	8.0	± 2.0	6.0	10.0

Platelet Interference alarms (or PLT/RBC overlap) and WBC differential "R" alarms may be seen. This is expected of this product and the alarms should be disregarded.

D3	LOT EX040L				LOT EX040N				LOT EX040H			
	Mean	Limits	Range		Mean	Limits	Range		Mean	Limits	Range	
WBC K/uL	2.1	± 0.5	1.6	2.6	7.6	± 1.2	6.4	8.8	19.8	± 2.2	17.6	22.0
Lymp K/uL	1.1	± 0.3	0.8	1.4	2.2	± 0.6	1.6	2.8	2.5	± 1.1	1.4	3.6
Mid K/uL	0.3	± 0.2	0.1	0.5	0.5	± 0.4	0.1	0.9	0.7	± 0.6	0.1	1.3
Gran K/uL	0.7	± 0.3	0.4	1.0	4.9	± 0.7	4.2	5.6	16.6	± 1.5	15.1	18.1
Lymp%	54.8	± 7.0	47.8	61.8	28.5	± 6.0	22.5	34.5	13.0	± 5.0	8.0	18.0
Mid %	12.2	± 5.0	7.2	17.2	6.5	± 4.0	2.5	10.5	3.3	± 3.0	0.3	6.3
Gran %	33.0	± 6.0	27.0	39.0	65.0	± 7.0	58.0	72.0	83.7	± 7.0	76.7	90.7
RBC M/uL	2.43	± 0.25	2.18	2.68	4.80	± 0.30	4.50	5.10	5.55	± 0.34	5.21	5.89
HGB g/dL	6.2	± 0.6	5.6	6.8	13.8	± 1.0	12.8	14.8	18.0	± 1.4	16.6	19.4
HCT %	18.6	± 2.0	16.6	20.6	40.3	± 2.4	37.9	42.7	51.6	± 2.8	48.8	54.4
MCV fL	76.5	± 5.0	71.5	81.5	84.0	± 5.0	79.0	89.0	93.0	± 5.0	88.0	98.0
MCH pg	25.5	± 2.4	23.1	27.9	28.8	± 2.8	26.0	31.6	32.4	± 2.8	29.6	35.2
MCHC g/dL	33.4	± 3.0	30.4	36.4	34.2	± 3.0	31.2	37.2	34.9	± 3.0	31.9	37.9
RDW %	15.0	± 4.0	11.0	19.0	14.0	± 4.0	10.0	18.0	13.5	± 4.0	9.5	17.5
PLT K/uL	85	± 30	55	115	265	± 50	215	315	520	± 70	450	590
MPV fL	9.0	± 2.0	7.0	11.0	8.0	± 2.0	6.0	10.0	8.0	± 2.0	6.0	10.0
Pct %	0.07	± 0.03	0.04	0.10	0.22	± 0.10	0.12	0.32	0.42	± 0.15	0.27	0.57
PDW %	11.5	± 4.0	7.5	15.5	14.3	± 4.0	10.3	18.3	14.8	± 4.0	10.8	18.8

Note: Pct and PDW % are only for use with 18 parameters units (outside USA)

I1800, 18ms, 18ms Plus	LOT EX040L				LOT EX040N				LOT EX040H			
	Mean	Limits	Range		Mean	Limits	Range		Mean	Limits	Range	
WBC K/uL	2.2	± 0.4	1.8	2.6	7.7	± 0.8	6.9	8.5	20.0	± 2.2	17.8	22.2
Lymp K/uL	1.3	± 0.3	1.0	1.6	2.2	± 0.6	1.6	2.8	2.5	± 1.1	1.4	3.6
Mid K/uL	0.2	± 0.2	0.0	0.4	0.5	± 0.4	0.1	0.9	0.6	± 0.6	0.0	1.2
Gran K/uL	0.7	± 0.3	0.4	1.0	5.0	± 0.6	4.4	5.6	16.9	± 1.5	15.4	18.4
Lymp%	58.0	± 7.0	51.0	65.0	29.0	± 6.0	23.0	35.0	12.5	± 5.0	7.5	17.5
Mid %	9.0	± 5.0	4.0	14.0	5.5	± 4.0	1.5	9.5	3.0	± 3.0	0.0	6.0
Gran %	33.0	± 6.0	27.0	39.0	65.5	± 7.0	58.5	72.5	84.5	± 7.0	77.5	91.5
RBC M/uL	2.43	± 0.15	2.28	2.58	4.74	± 0.20	4.54	4.94	5.51	± 0.24	5.27	5.75
HGB g/dL	6.4	± 0.4	6.0	6.8	13.8	± 0.6	13.2	14.4	17.9	± 0.8	17.1	18.7
HCT %	17.5	± 2.0	15.5	19.5	38.9	± 2.4	36.5	41.3	50.7	± 2.8	47.9	53.5
MCV fL	72.0	± 4.0	68.0	76.0	82.0	± 4.0	78.0	86.0	92.0	± 4.0	88.0	96.0
MCH pg	26.3	± 2.4	23.9	28.7	29.1	± 2.8	26.3	31.9	32.5	± 2.8	29.7	35.3
MCHC g/dL	36.6	± 3.0	33.6	39.6	35.5	± 3.0	32.5	38.5	35.3	± 3.0	32.3	38.3
RDW %	13.5	± 4.0	9.5	17.5	11.8	± 4.0	7.8	15.8	11.0	± 5.0	6.0	16.0
PLT K/uL	83	± 25	58	108	250	± 40	210	290	490	± 65	425	555
MPV fL	8.9	± 2.0	6.9	10.9	7.1	± 2.0	5.1	9.1	7.0	± 2.0	5.0	9.0

Platelet Interference alarms (or PLT/RBC overlap) and WBC differential "R" alarms may be seen. This is expected of this product and the alarms should be disregarded.