


EX-TROL™

Hematology Control

LOT EX010

 2010-04-05

Quality Control Months: January, February, March

EXCELL 16/18/10Vet	LOT EX010L				LOT EX010N				LOT EX010H			
	Mean	Limits	Range		Mean	Limits	Range		Mean	Limits	Range	
WBC K/uL	2.1	±0.4	1.7	2.5	7.4	±0.8	6.6	8.2	19.8	±2.2	17.6	22.0
Lym. K/uL	1.2	±0.2	1.0	1.4	2.4	±0.5	1.9	2.9	3.2	±1.0	2.2	4.2
Mid. K/uL	0.2	±0.1	0.1	0.3	0.5	±0.3	0.2	0.8	0.9	±0.6	0.3	1.5
Gran. K/uL	0.7	±0.2	0.5	0.9	4.5	±0.6	3.9	5.1	15.7	±1.4	14.3	17.1
Lymp%	57.0	±7.0	50.0	64.0	32.0	±6.0	26.0	38.0	16.2	±5.0	11.2	21.2
Mid %	11.0	±5.0	6.0	16.0	7.0	±4.0	3.0	11.0	4.5	±3.0	1.5	7.5
Gran%	32.0	±6.0	26.0	38.0	61.0	±7.0	54.0	68.0	79.3	±7.0	72.3	86.3
RBC M/uL	2.31	±0.15	2.16	2.46	4.63	±0.20	4.43	4.83	5.82	±0.24	5.58	6.06
HGB g/dL	6.0	±0.4	5.6	6.4	13.5	±0.6	12.9	14.1	18.5	±0.8	17.7	19.3
HCT %	17.4	±2.0	15.4	19.4	38.9	±2.4	36.5	41.3	53.5	±2.8	50.7	56.3
MCV fL	75.5	±4.0	71.5	79.5	84.0	±4.0	80.0	88.0	92.0	±4.0	88.0	96.0
MCH pg	26.0	±2.4	23.6	28.4	29.2	±2.8	26.4	32.0	31.8	±2.8	29.0	34.6
MCHC g/dL	34.4	±3.0	31.4	37.4	34.7	±3.0	31.7	37.7	34.6	±3.0	31.6	37.6
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	80	±25	55	105	248	±40	208	288	480	±65	415	545
MPV fL	10.0	±2.5	7.5	12.5	8.4	±2.0	6.4	10.4	8.2	±2.0	6.2	10.2

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 EX010L				LOT EX010N				LOT EX010H			
	Mean	Limits	Range		Mean	Limits	Range		Mean	Limits	Range	
WBC K/uL	2.1	±0.4	1.7	2.5	7.5	±0.8	6.7	8.3	20.2	±2.2	18.0	22.4
Lym. K/uL	1.1	±0.2	0.9	1.3	2.2	±0.5	1.7	2.7	2.7	±1.0	1.7	3.7
Mid. K/uL	0.3	±0.2	0.1	0.5	0.6	±0.3	0.3	0.9	1.0	±0.6	0.4	1.6
Gran. K/uL	0.7	±0.2	0.5	0.9	4.7	±0.6	4.1	5.3	16.5	±1.5	15.0	18.0
Lymp%	51.5	±7.0	44.5	58.5	29.0	±6.0	23.0	35.0	13.5	±5.0	8.5	18.5
Mid %	13.5	±5.0	8.5	18.5	8.0	±4.0	4.0	12.0	5.0	±3.0	2.0	8.0
Gran%	35.0	±6.0	29.0	41.0	63.0	±7.0	56.0	70.0	81.5	±7.0	74.5	88.5
RBC M/uL	2.26	±0.15	2.11	2.41	4.60	±0.20	4.40	4.80	5.78	±0.24	5.54	6.02
HGB g/dL	5.7	±0.4	5.3	6.1	13.3	±0.6	12.7	13.9	18.3	±0.8	17.5	19.1
HCT %	17.0	±2.0	15.0	19.0	38.6	±2.4	36.2	41.0	52.6	±2.8	49.8	55.4
MCV fL	75.0	±4.0	71.0	79.0	84.0	±4.0	80.0	88.0	91.0	±4.0	87.0	95.0
MCH pg	25.2	±2.4	22.8	27.6	28.9	±2.8	26.1	31.7	31.7	±2.8	28.9	34.5
MCHC g/dL	33.6	±3.0	30.6	36.6	34.4	±3.0	31.4	37.4	34.8	±3.0	31.8	37.8
RDW %	14.0	±4.0	10.0	18.0	13.7	±4.0	9.7	17.7	13.3	±4.0	9.3	17.3
PLT K/uL	80	±25	55	105	252	±40	212	292	492	±65	427	557
MPV fL	9.5	±2.5	7.0	12.0	8.2	±2.0	6.2	10.2	8.1	±2.0	6.1	10.1

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 EX010L				LOT EX010N				LOT EX010H			
	Mean	Limits	Range		Mean	Limits	Range		Mean	Limits	Range	
WBC K/uL	2.1	±0.5	1.6	2.6	7.4	±1.2	6.2	8.6	19.3	±2.2	17.1	21.5
Lymp K/uL	1.1	±0.2	0.9	1.3	2.0	±0.5	1.5	2.5	2.4	±1.0	1.4	3.4
Mid K/uL	0.2	±0.1	0.1	0.3	0.5	±0.3	0.2	0.8	0.7	±0.6	0.1	1.3
Gran K/uL	0.8	±0.2	0.6	1.0	4.9	±0.6	4.3	5.5	16.2	±1.4	14.8	17.6
Lymp%	51.8	±7.0	44.8	58.8	27.5	±6.0	21.5	33.5	12.4	±5.0	7.4	17.4
Mid %	11.2	±5.0	6.2	16.2	6.5	±4.0	2.5	10.5	3.8	±3.0	0.8	6.8
Gran %	37.0	±6.0	31.0	43.0	66.0	±7.0	59.0	73.0	83.8	±7.0	76.8	90.8
RBC M/uL	2.33	±0.25	2.08	2.58	4.64	±0.30	4.34	4.94	5.75	±0.34	5.41	6.09
HGB g/dL	6.1	±0.6	5.5	6.7	13.6	±1.0	12.6	14.6	18.5	±1.4	17.1	19.9
HCT %	17.6	±2.0	15.6	19.6	38.7	±2.4	36.3	41.1	52.3	±2.8	49.5	55.1
MCV fL	75.5	±5.0	70.5	80.5	83.5	±5.0	78.5	88.5	91.0	±5.0	86.0	96.0
MCH pg	26.2	±2.4	23.8	28.6	29.3	±2.8	26.5	32.1	32.2	±2.8	29.4	35.0
MCHC g/dL	34.7	±3.0	31.7	37.7	35.1	±3.0	32.1	38.1	35.4	±3.0	32.4	38.4
RDW %	14.5	±4.0	10.5	18.5	13.5	±4.0	9.5	17.5	13.5	±4.0	9.5	17.5
PLT K/uL	86	±30	56	116	270	±50	220	320	510	±70	440	580
MPV fL	8.8	±2.5	6.3	11.3	8.2	±2.0	6.2	10.2	8.3	±2.0	6.3	10.3
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 %	13.0	±4.0	9.0	17.0	14.2	±4.0	10.2	18.2	15.0	±4.0	11.0	19.0

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

I1800, 18ms, 18ms Plus	LOT EX010L				LOT EX010N				LOT EX010H			
	Mean	Limits	Range		Mean	Limits	Range		Mean	Limits	Range	
WBC K/uL	2.3	±0.4	1.9	2.7	7.7	±0.8	6.9	8.5	19.6	±2.2	17.4	21.8
Lymp K/uL	1.3	±0.2	1.1	1.5	2.3	±0.5	1.8	2.8	2.5	±1.0	1.5	3.5
Mid K/uL	0.2	±0.2	0.0	0.4	0.4	±0.4	0.0	0.8	0.7	±0.7	0.0	1.4
Gran K/uL	0.8	±0.2	0.6	1.0	5.0	±0.6	4.4	5.6	16.4	±1.4	15.0	17.8
Lymp%	57.3	±7.0	50.3	64.3	30.0	±6.0	24.0	36.0	13.0	±5.0	8.0	18.0
Mid %	9.5	±5.0	4.5	14.5	5.0	±4.0	1.0	9.0	3.5	±3.0	0.5	6.5
Gran %	33.2	±6.0	27.2	39.2	65.0	±7.0	58.0	72.0	83.5	±7.0	76.5	90.5
RBC M/uL	2.35	±0.15	2.20	2.50	4.68	±0.20	4.48	4.88	5.80	±0.24	5.56	6.04
HGB g/dL	6.2	±0.4	5.8	6.6	13.7	±0.6	13.1	14.3	18.6	±0.8	17.8	19.4
HCT %	16.9	±2.0	14.9	18.9	38.4	±2.4	36.0	40.8	52.8	±2.8	50.0	55.6
MCV fL	72.0	±4.0	68.0	76.0	82.0	±4.0	78.0	86.0	91.0	±4.0	87.0	95.0
MCH pg	26.4	±2.4	24.0	28.8	29.3	±2.8	26.5	32.1	32.1	±2.8	29.3	34.9
MCHC g/dL	36.6	±3.0	33.6	39.6	35.7	±3.0	32.7	38.7	35.2	±3.0	32.2	38.2
RDW %	14.0	±4.0	10.0	18.0	12.9	±4.0	8.9	16.9	13.5	±5.0	8.5	18.5
PLT K/uL	80	±30	50	110	254	±50	204	304	482	±70	412	552
MPV fL	8.8	±2.5	6.3	11.3	7.5	±2.0	5.5	9.5	7.4	±2.0	5.4	9.4

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.