

# Para 12 Extend

Multi-Parameter Assayed Hematology Control

EXP:

10/24/2016

Open-Vial Stability

30 Days

Instrument:		Control	L	Control	N	Control	H
Micro CC-18		Lot 61090422		Lot 61090423		Lot 61090424	
Parameter		x	+/-	x	+/-	x	+/-
WBC	10 <sup>9</sup> /L	2.3	0.4	9.0	0.7	21.6	2.5
LYM	10 <sup>9</sup> /L	1.0	0.5	2.0	0.5	2.4	1.5
LYM	%	43.9	8.0	22.7	6.0	11.2	6.0
MID	10 <sup>9</sup> /L	0.2	0.2	0.5	0.3	1.1	1.0
MID	%	6.0	6.0	5.7	5.0	5.0	5.0
GRAN	10 <sup>9</sup> /L	1.2	0.8	6.4	1.0	18.2	3.0
GRAN	%	50.7	8.0	71.6	7.0	84.3	8.0
RBC	10 <sup>12</sup> /L	2.34	0.20	4.31	0.25	5.22	0.35
HGB	g/dL	5.7	0.8	12.0	0.9	16.1	1.0
[HGB]	g/L	57	8	120	9	161	10
HCT	%	18.7	2.0	36.7	4.5	45.3	4.5
[HCT]	L/L	0.187	0.020	0.367	0.045	0.453	0.045
MCV	fL	80.1	6.00	85.2	7.0	86.8	7.0
MCH	pg	24.4	2.5	27.8	3.0	30.8	3.0
MCHC	g/dL	30.4	3.5	32.7	3.5	35.5	3.5
[MCHC]	g/L	304	35	327	35	355	35
RDW	%	21.5	5.0	20.8	5.0	20.7	5.0
PLT	10 <sup>9</sup> /L	75	25	220	45	480	85.0
MPV	fL	9.6	1.5	9.2	1.5	9.1	1.5
PDW	%	11.3	3.0	13.1	1.7	13.2	1.7

Instrument:		Control	L	Control	N	Control	H
Erba Lachema Elite 3		Lot 61090422		Lot 61090423		Lot 61090424	
Parameter		x	+/-	x	+/-	x	+/-
WBC	10 <sup>9</sup> /L	2.2	0.4	8.1	0.6	18.7	2.5
LYM	10 <sup>9</sup> /L	1.2	0.5	2.3	0.5	2.8	1.5
LYM	%	56.6	8.0	28.4	6.0	15.2	6.0
MID	10 <sup>9</sup> /L	0.2	0.2	0.9	0.3	2.1	1.0
MID	%	6.9	6.0	11.7	5.0	11.2	5.0
GRAN	10 <sup>9</sup> /L	0.8	0.8	4.9	1.0	13.8	3.0
GRAN	%	37.0	8.0	59.9	7.0	73.8	8.0
RBC	10 <sup>12</sup> /L	2.27	0.15	4.25	0.20	5.19	0.25
HGB	g/dL	5.7	0.5	11.3	0.6	15.1	0.7
[HGB]	g/L	57	5	113	6	151	7
HCT	%	17.8	2.0	35.0	3.0	44.3	4.0
[HCT]	L/L	0.178	0.020	0.350	0.030	0.443	0.040
MCV	fL	78.6	6.0	82.4	6.0	85.4	6.0
MCH	pg	25.1	2.0	26.6	2.0	29.1	2.0
MCHC	g/dL	32.0	3.0	32.3	3.0	34.1	3.0
[MCHC]	g/L	320	30	323	30	341	30
RDW	%	18.5	5.0	17.8	5.0	16.9	5.0
PLT	10 <sup>9</sup> /L	68	15	243	30	657	60
PCT	%	0.07	0.03	0.25	0.06	0.68	0.20
MPV	fL	10.2	1.5	10.3	1.5	10.4	1.5
PDW	%	33.3	5.5	33.8	3.7	34.0	2.7

Instrument:		Control	L	Control	N	Control	H
Mindray BC3000/3000 Plus Hemolux 19		Lot 61090422		Lot 61090423		Lot 61090424	
Parameter		x	+/-	x	+/-	x	+/-
WBC	10 <sup>9</sup> /L	2.0	0.4	8.1	1.0	19.6	2.5
LYM	10 <sup>9</sup> /L	1.0	0.6	2.0	1.2	2.5	2.0
LYM	%	51.3	10.0	24.5	9.0	12.7	6.0
MID	10 <sup>9</sup> /L	0.2	0.2	0.8	0.3	1.6	1.2
MID	%	6.8	6.0	9.6	5.0	8.3	5.0
GRAN	10 <sup>9</sup> /L	0.9	0.8	5.3	2.0	15.5	3.5
GRAN	%	42.0	10.0	66.0	9.0	79.1	8.0
RBC	10 <sup>12</sup> /L	2.26	0.20	4.33	0.40	5.35	0.40
HGB	g/dL	5.8	0.5	12.0	1.0	16.0	1.2
[HGB]	g/L	58.0	5.0	120.0	10.0	160.0	12.0
HCT	%	18.6	2.5	37.7	4.5	48.3	4.5
[HCT]	L/L	0.2	0.0	0.4	0.0	0.5	0.0
MCV	fL	82.4	6.0	87.0	7.0	90.2	7.0
MCH	pg	25.7	2.5	27.7	2.5	29.9	2.5
MCHC	g/dL	31.2	3.5	31.8	3.5	33.1	3.5
[MCHC]	g/L	312	35	318	35	331	35
RDW	%	15.6	5.0	14.9	5.0	14.2	5.0
PLT	10 <sup>9</sup> /L	74	25	229	35	545	85
MPV	fL	8.7	1.5	8.5	1.5	8.4	1.5

Instrument:		Control	L	Control	N	Control	H
Dixon Hemalite1280		Lot 61090422		Lot 61090423		Lot 61090424	
Parameter		x	+/-	x	+/-	x	+/-
WBC	10 <sup>9</sup> /L	2.1	0.4	8.3	0.6	20.1	2.5
LYM	10 <sup>9</sup> /L	1.3	0.5	2.7	0.5	3.7	1.5
LYM	%	60.8	8.0	32.0	6.0	18.4	6.0
MID	10 <sup>9</sup> /L	0.2	0.2	0.8	0.3	1.8	1.0
MID	%	6.1	4.5	10.2	5.0	9.1	5.0
GRAN	10 <sup>9</sup> /L	0.8	0.8	4.8	1.0	14.6	3.0
GRAN	%	33.1	8.0	57.8	7.0	72.5	8.0
RBC	10 <sup>12</sup> /L	2.17	0.15	4.19	0.20	5.29	0.25
HGB	g/dL	5.7	0.5	11.6	0.6	15.4	0.7
[HGB]	g/L	57.0	5.0	116.0	6.0	154.0	7.0
HCT	%	16.7	2.0	33.9	3.0	45.0	4.0
[HCT]	L/L	0.167	0.020	0.339	0.030	0.450	0.040
MCV	fL	77.0	6.0	81.0	6.0	85.0	6.0
MCH	pg	26.3	2.0	27.7	2.0	29.1	2.0
MCHC	g/dL	34.1	3.0	34.2	3.0	34.2	3.0
[MCHC]	g/L	341	30	342	30	342	30
RDW	%	15.8	5.0	15.2	5.0	14.2	5.0
PLT	10 <sup>9</sup> /L	71	15	233	30	570	60
MPV	fL	9.6	1.5	9.3	1.5	9.0	1.5

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Instrument:		Control	L	Control	N	Control	H
Rayto RT7600/MD7600		Lot 61090422		Lot 61090423		Lot 61090424	
Parameter		x	+/-	x	+/-	x	+/-
WBC	10 <sup>9</sup> /L	1.9	0.4	7.3	0.6	17.1	2.5
LYM	10 <sup>9</sup> /L	1.1	0.5	2.0	0.5	2.6	1.5
LYM	%	56.7	8.0	27.9	6.0	15.3	6.0
MID	10 <sup>9</sup> /L	0.2	0.2	0.9	0.3	2.1	1.0
MID	%	6.9	4.5	13.0	5.0	12.2	5.0
GRAN	10 <sup>9</sup> /L	0.8	0.8	4.3	1.0	12.4	3.0
GRAN	%	36.3	8.0	59.2	7.0	72.5	8.0
RBC	10 <sup>12</sup> /L	2.18	0.15	4.17	0.20	5.20	0.25
HGB	g/dL	5.8	0.5	11.8	0.6	15.8	0.7
[HGB]	g/L	58.0	5.0	118.0	6.0	158.0	7.0
HCT	%	18.6	2.0	36.8	3.0	47.0	4.0
[HCT]	L/L	0.186	0.020	0.368	0.030	0.470	0.040
MCV	fL	85.3	6.0	88.2	6.0	90.4	6.0
MCH	pg	26.6	2.0	28.3	2.0	30.4	2.0
MCHC	g/dL	31.2	3.0	32.1	3.0	33.6	3.0
[MCHC]	g/L	312.0	30.0	321.0	30.0	336.0	30.0
RDW	%	13.9	5.0	13.4	5.0	13.1	5.0
PLT	10 <sup>9</sup> /L	70	25	200	30	465	60
MPV	fL	9.4	1.5	9.2	1.5	8.9	1.5

EXP:  
Open-Vial Stability

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DiaSys X-Pedite Hem3 Vet		Control	L	Control	N	Control	H
		Lot 61090422		Lot 61090423		Lot 61090424	
Parameter		x	+/-	x	+/-	x	+/-
WBC	10 <sup>9</sup> /L	1.9	0.4	7.3	0.6	17.1	2.5
LYM	10 <sup>9</sup> /L	1.1	0.5	2.0	0.5	2.6	1.5
LYM	%	56.7	8.0	27.9	6.0	15.3	6.0
MID	10 <sup>9</sup> /L	0.2	0.2	0.9	0.3	2.1	1.0
MID	%	6.9	4.5	13.0	5.0	12.2	5.0
GRAN	10 <sup>9</sup> /L	0.8	0.8	4.3	1.0	12.4	3.0
GRAN	%	36.3	8.0	59.2	7.0	72.5	8.0
RBC	10 <sup>12</sup> /L	2.18	0.15	4.17	0.20	5.20	0.25
HGB	g/dL	5.8	0.5	11.8	0.6	15.8	0.7
[HGB]	g/L	58.0	5.0	118.0	6.0	158.0	7.0
HCT	%	18.6	2.0	36.8	3.0	47.0	4.0
[HCT]	L/L	0.186	0.020	0.368	0.030	0.470	0.040
MCV	fL	85.3	6.0	88.2	6.0	90.4	6.0
MCH	pg	26.6	2.0	28.3	2.0	30.4	2.0
MCHC	g/dL	31.2	3.0	32.1	3.0	33.6	3.0
[MCHC]	g/L	312.0	30.0	321.0	30.0	336.0	30.0
RDW	%	13.9	5.0	13.4	5.0	13.1	5.0
PLT	10 <sup>9</sup> /L	70	25	200	30	465	60
MPV	fL	9.4	1.5	9.2	1.5	8.9	1.5