

Para 12 Extend

Multi-Parameter Assayed Hematology Control

EXP: 2018-11-19
Open-Vial Stability 30 Days

Instrument:		Control		L		Control		N		Control		H	
Micro CC-18		81340422		81340423		81340423		81340424		81340424		81340424	
Parameter		x	+/-	x	+/-	x	+/-	x	+/-	x	+/-	x	+/-
WBC	10 ⁹ /L	1.9	0.4	7.6	0.7	19.6	2.5						
LYM	10 ⁹ /L	0.9	0.5	1.9	0.5	2.2	1.5						
LYM	%	46.6	8.0	25.3	6.0	11.1	6.0						
MID	10 ⁹ /L	0.2	0.2	0.4	0.3	1.0	1.0						
MID	%	6.0	6.0	5.3	5.0	5.0	5.0						
GRAN	10 ⁹ /L	0.9	0.8	5.3	1.0	16.5	3.0						
GRAN	%	48.9	8.0	69.4	7.0	84.3	8.0						
RBC	10 ¹² /L	2.32	0.20	4.41	0.25	5.29	0.35						
HGB	g/dL	5.5	0.8	12.0	0.9	15.8	1.0						
[HGB]	g/L	55	8	120	9	158	10						
HCT	%	19.2	2.0	38.7	4.5	46.9	4.5						
[HCT]	L/L	0.192	0.020	0.387	0.045	0.469	0.045						
MCV	fL	82.9	6.0	87.8	7.0	88.7	7.0						
MCH	pg	23.7	2.5	27.2	3.0	29.9	3.0						
MCHC	g/dL	28.6	3.5	31.0	3.5	33.7	3.5						
[MCHC]	g/L	286	35	310	35	337	35						
RDW	%	21.7	5.0	21.8	5.0	20.1	5.0						
PLT	10 ⁹ /L	63	25	218	45	511	85.0						
MPV	fL	11.3	NA	9.9	1.5	9.5	1.5						
PDW	%	12.1	3.0	12.6	1.7	12.7	1.7						

Instrument:		Control		L		Control		N		Control		H	
Erba Lachema Elite 3		81340422		81340423		81340423		81340424		81340424		81340424	
Parameter		x	+/-	x	+/-	x	+/-	x	+/-	x	+/-	x	+/-
WBC	10 ⁹ /L	2.3	0.4	8.2	0.6	20.2	2.5						
LYM	10 ⁹ /L	1.2	0.5	2.3	0.5	2.8	1.5						
LYM	%	53.9	8.0	28.2	6.0	13.8	6.0						
MID	10 ⁹ /L	0.2	0.2	0.9	0.3	2.3	1.0						
MID	%	6.9	6.0	11.2	5.0	11.5	5.0						
GRAN	10 ⁹ /L	0.9	0.8	5.0	1.0	15.1	3.0						
GRAN	%	39.2	8.0	60.6	7.0	74.8	8.0						
RBC	10 ¹² /L	2.32	0.15	4.29	0.20	5.15	0.25						
HGB	g/dL	5.8	0.5	12.0	0.6	15.9	0.7						
[HGB]	g/L	58	5	120	6	159	7						
HCT	%	18.5	2.0	36.3	3.0	44.2	4.0						
[HCT]	L/L	0.185	0.020	0.363	0.030	0.442	0.040						
MCV	fL	79.8	6.0	84.6	6.0	85.9	6.0						
MCH	pg	25.0	2.0	28.0	2.0	30.9	2.0						
MCHC	g/dL	31.4	3.0	33.1	3.0	36.0	3.0						
[MCHC]	g/L	314	30	331	30	360	30						
RDW	%	19.7	5.0	19.2	5.0	17.4	5.0						
PLT	10 ⁹ /L	66	15	234	30	594	60						
PCT	%	0.06	0.03	0.23	0.06	0.57	0.20						
MPV	fL	9.7	1.5	9.7	1.5	9.6	1.5						
PDW	%	34.3	5.5	34.4	3.7	34.9	2.7						

Instrument:		Control		L		Control		N		Control		H	
Mindray BC3000/3000 Plus Hemolux 19		81340422		81340423		81340423		81340424		81340424		81340424	
Parameter		x	+/-	x	+/-	x	+/-	x	+/-	x	+/-	x	+/-
WBC	10 ⁹ /L	2.1	0.4	8.2	1.0	21.0	2.5						
LYM	10 ⁹ /L	1.0	0.6	2.1	1.2	2.5	2.0						
LYM	%	48.2	10.0	25.3	9.0	12.1	6.0						
MID	10 ⁹ /L	0.2	0.2	0.8	0.3	1.9	1.2						
MID	%	7.3	6.0	9.5	5.0	9.1	5.0						
GRAN	10 ⁹ /L	0.9	0.8	5.3	2.0	16.5	3.5						
GRAN	%	44.5	10.0	65.2	9.0	78.8	8.0						
RBC	10 ¹² /L	2.40	0.20	4.59	0.40	5.53	0.40						
HGB	g/dL	5.9	0.5	12.4	1.0	16.4	1.2						
[HGB]	g/L	59	5.0	124	10.0	164	12.0						
HCT	%	19.8	2.5	40.3	4.5	49.1	4.5						
[HCT]	L/L	0.198	0.025	0.403	0.045	0.491	0.045						
MCV	fL	82.7	6.0	87.9	7.0	88.7	7.0						
MCH	pg	24.6	2.5	27.0	2.5	29.7	2.5						
MCHC	g/dL	29.8	3.5	30.8	3.5	33.4	3.5						
[MCHC]	g/L	298	35	308	35	334	35						
RDW	%	16.4	5.0	15.9	5.0	14.5	5.0						
PLT	10 ⁹ /L	80	25	230	35	525	85						
MPV	fL	8.7	1.5	8.4	1.5	8.3	1.5						

Instrument:		Control		L		Control		N		Control		H	
Dixon Hemalite1280		81340422		81340423		81340423		81340424		81340424		81340424	
Parameter		x	+/-	x	+/-	x	+/-	x	+/-	x	+/-	x	+/-
WBC	10 ⁹ /L	2.1	0.4	8.2	1.0	21.0	2.5						
LYM	10 ⁹ /L	1.0	0.6	2.1	1.2	2.5	2.0						
LYM	%	48.2	10.0	25.3	9.0	12.1	6.0						
MID	10 ⁹ /L	0.2	0.2	0.8	0.3	1.9	1.2						
MID	%	7.3	6.0	9.5	5.0	9.1	5.0						
GRAN	10 ⁹ /L	0.9	0.8	5.3	2.0	16.5	3.5						
GRAN	%	44.5	10.0	65.2	9.0	78.8	8.0						
RBC	10 ¹² /L	2.40	0.2	4.59	0.4	5.53	0.4						
HGB	g/dL	5.9	0.5	12.4	1.0	16.4	1.2						
[HGB]	g/L	59.0	5.0	124.0	10.0	164.0	12.0						
HCT	%	19.8	2.5	40.3	4.5	49.1	4.5						
[HCT]	L/L	0.198	0.025	0.403	0.045	0.491	0.045						
MCV	fL	82.7	6.0	87.9	7.0	88.7	7.0						
MCH	pg	24.6	2.5	27.0	2.5	29.7	2.5						
MCHC	g/dL	29.8	3.5	30.8	3.5	33.4	3.5						
[MCHC]	g/L	298.0	35.0	308.0	35.0	334.0	35.0						
RDW	%	16.4	5.0	15.9	5.0	14.5	5.0						
PLT	10 ⁹ /L	80.0	25.0	230.0	35.0	525.0	85.0						
MPV	fL	8.7	1.5	8.4	1.5	8.3	1.5						

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EXP: 2018-11-19
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Instrument: Rayto RT7600/MD7600 Avis GA-60		Control	L	Control	N	Control	H
		81340422		81340423		81340424	
Parameter		x	+/-	x	+/-	x	+/-
WBC	10 ⁹ /L	1.8	0.4	6.5	0.6	16.0	2.5
LYM	10 ⁹ /L	1.0	0.5	1.9	0.5	2.4	1.5
LYM	%	53.9	8.0	29.9	6.0	15.3	6.0
MID	10 ⁹ /L	0.2	0.2	0.9	0.3	2.2	1.0
MID	%	8.9	4.5	13.1	5.0	13.8	5.0
GRAN	10 ⁹ /L	0.8	0.8	3.7	1.0	11.3	3.0
GRAN	%	37.2	8.0	57.0	7.0	70.9	8.0
RBC	10 ¹² /L	2.18	0.15	4.21	0.20	5.12	0.25
HGB	g/dL	5.7	0.5	11.7	0.6	15.4	0.7
[HGB]	g/L	57	5.0	117	6.0	154	7.0
HCT	%	17.9	2.0	36.2	3.0	44.4	4.0
[HCT]	L/L	0.179	0.020	0.362	0.030	0.444	0.040
MCV	fL	82.2	6.0	85.9	6.0	86.8	6.0
MCH	pg	26.1	2.0	27.8	2.0	30.1	2.0
MCHC	g/dL	31.8	3.0	32.3	3.0	34.7	3.0
[MCHC]	g/L	318.0	30.0	323.0	30.0	347.0	30.0
RDW	%	13.7	5.0	13.7	5.0	13.1	5.0
PLT	10 ⁹ /L	81	25	224	30	484	60
MPV	fL	8.3	1.5	8.3	1.5	7.9	1.5

DiaSys X-Pedite Hem3 Vet		Control	L	Control	N	Control	H
		81340422		81340423		81340424	
Parameter		x	+/-	x	+/-	x	+/-
WBC	10 ⁹ /L	1.8	0.4	6.5	0.6	16.0	2.5
LYM	10 ⁹ /L	1.0	0.5	1.9	0.5	2.4	1.5
LYM	%	53.9	8.0	29.9	6.0	15.3	6.0
MID	10 ⁹ /L	0.2	0.2	0.9	0.3	2.2	1.0
MID	%	8.9	4.5	13.1	5.0	13.8	5.0
GRAN	10 ⁹ /L	0.8	0.8	3.7	1.0	11.3	3.0
GRAN	%	37.2	8.0	57.0	7.0	70.9	8.0
RBC	10 ¹² /L	2.18	0.15	4.21	0.20	5.12	0.25
HGB	g/dL	5.7	0.5	11.7	0.6	15.4	0.7
[HGB]	g/L	57	5.0	117	6.0	154	7.0
HCT	%	17.9	2.0	36.2	3.0	44.4	4.0
[HCT]	L/L	0.179	0.020	0.362	0.030	0.444	0.040
MCV	fL	82.2	6.0	85.9	6.0	86.8	6.0
MCH	pg	26.1	2.0	27.8	2.0	30.1	2.0
MCHC	g/dL	31.8	3.0	32.3	3.0	34.7	3.0
[MCHC]	g/L	318.0	30.0	323.0	30.0	347.0	30.0
RDW	%	13.7	5.0	13.7	5.0	13.1	5.0
PLT	10 ⁹ /L	81	25	224	30	484	60
MPV	fL	8.3	1.5	8.3	1.5	7.9	1.5

Hemalite 1260		Control	L	Control	N	Control	H
		81340422		81340423		81340424	
Parameter		x	+/-	x	+/-	x	+/-
WBC	10 ⁹ /L	2	0.4	7.2	1	18	2.5
LYM	10 ⁹ /L	1.1	0.6	2.1	1.2	2.6	2
LYM	%	53.4	10	29.3	9	14.3	6
MID	10 ⁹ /L	0.2	0.2	0.7	0.3	1.8	1.2
MID	%	6.9	6	9.7	5	9.8	5
GRAN	10 ⁹ /L	0.8	0.8	4.4	2	13.7	3.5
GRAN	%	39.7	10	61.1	9	75.9	8
RBC	10 ¹² /L	2.38	0.2	4.39	0.25	5.29	0.3
HGB	g/dL	5.8	0.5	12.2	0.7	16.1	1
[HGB]	g/L	58	5	122	7	161	10
HCT	%	19.5	2	38.2	4.5	47.1	4.5
[HCT]	L/L	0.195	0.02	0.382	0.045	0.471	0.045
MCV	fL	82	6	87	7	89	7
MCH	pg	24.4	2.5	27.8	2.5	30.4	2.5
MCHC	g/dL	29.7	3.5	31.9	3.5	34.2	3.5
[MCHC]	g/L	297	35	319	35	342	35
RDW	%	21.5	5	20.5	5	18	5
PLT	10 ⁹ /L	63	25	229	35	564	85
MPV	fL	NA	NA	9.7	1.5	9.8	1.5

Hemalite 1270		Control	L	Control	N	Control	H
		81340422		81340423		81340424	
Parameter		x	+/-	x	+/-	x	+/-
WBC	10 ⁹ /L	2.2	0.4	8	0.6	21	2.5
LYM	10 ⁹ /L	1.4	0.5	2.7	0.5	4.3	1.5
LYM	%	64.3	11	33.7	6	20.3	6
MID	10 ⁹ /L	0.2	0.2	0.5	0.3	1.7	1
MID	%	6	6	6.7	5	8.1	5
GRAN	10 ⁹ /L	0.8	0.8	4.8	1	15.2	3
GRAN	%	31.8	11	59.8	7	72.4	8
RBC	10 ¹² /L	2.31	0.15	4.4	0.2	5.35	0.25
HGB	g/dL	5.7	0.5	12	0.6	15.8	0.7
[HGB]	g/L	57	5	120	6	158	7
HCT	%	18	2	36.5	3	44.9	4
[HCT]	L/L	0.18	0.020	0.365	0.030	0.449	0.040
MCV	fL	78	6	83	6	84	6
MCH	pg	24.7	2	27.3	2	29.5	2
MCHC	g/dL	31.7	3	32.9	3	35.2	3
[MCHC]	g/L	317	30	329	30	352	30
RDW	%	19.7	5	18.7	5	17	5
PLT	10 ⁹ /L	84	15	271	30	654	60
PCT	%	0.06	0.03	0.2	0.06	0.47	0.2
MPV	fL	7.5	1.5	7.2	1.5	7.2	1.5
PDW	%	15.1	5.5	13.9	3.7	13.5	2.7

Dixon PE-6100		Control	L	Control	N	Control	H
		81340422		81340423		81340424	
Parameter		x	+/-	x	+/-	x	+/-
WBC	10 ⁹ /L	2.2	0.4	8	0.6	21	2.5
LYM	10 ⁹ /L	1.4	0.5	2.7	0.5	4.3	1.5
LYM	%	64.3	11	33.7	6	20.3	6
MID	10 ⁹ /L	0.2	0.2	0.5	0.3	1.7	1
MID	%	6	6	6.7	5	8.1	5
GRAN	10 ⁹ /L	0.8	0.8	4.8	1	15.2	3
GRAN	%	31.8	11	59.8	7	72.4	8
RBC	10 ¹² /L	2.31	0.15	4.4	0.2	5.35	0.25
HGB	g/dL	5.7	0.5	12	0.6	15.8	0.7
[HGB]	g/L	57	5	120	6	158	7
HCT	%	18	2	36.5	3	44.9	4
[HCT]	L/L	0.18	0.02	0.365	0.03	0.449	0.04
MCV	fL	78	6	83	6	84	6
MCH	pg	24.7	2	27.3	2	29.5	2
MCHC	g/dL	31.7	3	32.9	3	35.2	3
[MCHC]	g/L	317	30	329	30	352	30
RDW	%	19.7	5	18.7	5	17	5
PLT	10 ⁹ /L	84	15	271	30	654	60
PCT	%	0.06	0.03	0.2	0.06	0.47	0.2
MPV	fL	7.5	1.5	7.2	1.5	7.2	1.5
PDW	%	15.1	5.5	13.9	3.7	13.5	2.7

ABX Micros ES 60		Control	L	Control	N	Control	H
		81340422		81340423		81340424	
Parameter		x	+/-	x	+/-	x	+/-
WBC	10 ⁹ /L	2.2	0.4	8.2	0.6	21.3	2.5
LYM	10 ⁹ /L	1.3	0.5	2.8	0.5	4.1	1.5
LYM	%	59.1	8.0	34	6.0	19.3	6
MID	10 ⁹ /L	0.2	0.2	0.7	0.3	2	1
MID	%	5.1	4.5	9	5.0	9.2	5
GRAN	10 ⁹ /L	0.8	0.8	4.7	1.0	15.2	3
GRAN	%	35.8	8.0	57	7.0	71.5	8
RBC	10 ¹² /L	2.23	0.2	4.37	0.2	5.41	0.25
HGB	g/dL	5.7	0.5	12	0.6	15.7	0.7
[HGB]	g/L	57	5.0	120	6.0	157	7
HCT	%	16.9	2.0	35.8	3.0	45.4	4
[HCT]	L/L	0.169	0.020	0.358	0.030	0.454	0.04
MCV	fL	76	6.0	82	6.0	84	6
MCH	pg	25.6	2.0	27.5	2.0	29	2
MCHC	g/dL	33.7	3.0	33.5	3.0	34.6	3
[MCHC]	g/L	337	30.0	335	30.0	346	30
RDW	%	16.7	5.0	16.4	5.0	14.5	5
PLT	10 ⁹ /L	74	15.0	227	30.0	532	60
MPV	fL	9.7	1.5	9.1	1.5	8.9	1.5