

Para 12 Extend

Multi-Parameter Assayed Hematology Control

EXP: 2019-10-21
Open-Vial Stability 30 Days

Instrument:		Control		L		Control		N		Control		H	
Micro CC-18		91050422		91050423		91050424							
Parameter		x	+/-	x	+/-	x	+/-	x	+/-	x	+/-	x	+/-
WBC	10 ⁹ /L	1.9	0.4	7.7	0.7	19.8	2.5						
LYM	10 ⁹ /L	1.0	0.5	2.3	0.5	2.7	1.5						
LYM	%	53.9	8.0	29.7	6.0	13.8	6.0						
MID	10 ⁹ /L	0.2	0.2	0.4	0.3	1.0	1.0						
MID	%	6.0	6.0	5.0	5.0	5.0	5.0						
GRAN	10 ⁹ /L	0.8	0.8	5.0	1.0	16.3	3.0						
GRAN	%	42.3	8.0	65.4	7.0	82.3	8.0						
RBC	10 ¹² /L	2.43	0.20	4.42	0.25	5.42	0.35						
HGB	g/dL	5.3	0.8	10.6	0.9	15.1	1.0						
[HGB]	g/L	53	8	106	9	151	10						
HCT	%	18.7	2.0	37.0	4.5	47.6	4.5						
[HCT]	L/L	0.187	0.020	0.370	0.045	0.476	0.045						
MCV	fL	77.1	6.0	83.6	7.0	87.9	7.0						
MCH	pg	21.8	2.5	24.0	3.0	27.9	3.0						
MCHC	g/dL	28.3	3.5	28.7	3.5	31.7	3.5						
[MCHC]	g/L	283	35	287	35	317	35						
RDW	%	21.6	5.0	21.2	5.0	19.9	5.0						
PLT	10 ⁹ /L	85	25	232	45	590	85.0						
MPV	fL	10.0	1.5	9.3	1.5	9.3	1.5						
PDW	%	13.5	3.0	14.9	1.7	13.0	1.7						

Instrument:		Control		L		Control		N		Control		H	
Erba Lachema Elite 3		91050422		91050423		91050424							
Parameter		x	+/-	x	+/-	x	+/-	x	+/-	x	+/-	x	+/-
WBC	10 ⁹ /L	2.1	0.4	8.1	0.6	19.4	2.5						
LYM	10 ⁹ /L	1.2	0.5	2.5	0.5	2.9	1.5						
LYM	%	57.1	8.0	30.3	6.0	15.2	6.0						
MID	10 ⁹ /L	0.2	0.2	0.9	0.3	1.9	1.0						
MID	%	7.2	6.0	10.5	5.0	9.8	5.0						
GRAN	10 ⁹ /L	0.8	0.8	4.8	1.0	14.6	3.0						
GRAN	%	36.3	8.0	59.2	7.0	75.0	8.0						
RBC	10 ¹² /L	2.25	0.15	4.15	0.20	5.10	0.25						
HGB	g/dL	5.5	0.5	10.9	0.6	15.2	0.7						
[HGB]	g/L	55	5	109	6	152	7						
HCT	%	17.5	2.0	34.3	3.0	44.3	4.0						
[HCT]	L/L	0.175	0.020	0.343	0.030	0.443	0.040						
MCV	fL	77.6	6.0	82.6	6.0	86.8	6.0						
MCH	pg	24.4	2.0	26.3	2.0	29.8	2.0						
MCHC	g/dL	31.4	3.0	31.8	3.0	34.3	3.0						
[MCHC]	g/L	314	30	318	30	343	30						
RDW	%	18.9	5.0	18.7	5.0	17.4	5.0						
PLT	10 ⁹ /L	65	15	216	30	604	60						
PCT	%	NA	0.03	NA	0.06	NA	0.20						
MPV	fL	9.7	1.5	9.8	1.5	9.9	1.5						
PDW	%	NA	5.5	NA	3.7	NA	2.7						

Instrument:		Control		L		Control		N		Control		H	
Mindray BC3000/3000 Plus Hemolux 19		91050422		91050423		91050424							
Parameter		x	+/-	x	+/-	x	+/-	x	+/-	x	+/-	x	+/-
WBC	10 ⁹ /L	2.0	0.4	7.9	1.0	19.8	2.5						
LYM	10 ⁹ /L	1.0	0.6	2.2	1.2	2.7	2.0						
LYM	%	52.0	10.0	27.6	9.0	13.4	6.0						
MID	10 ⁹ /L	0.2	0.2	0.6	0.3	1.5	1.2						
MID	%	7.2	6.0	8.0	5.0	7.8	5.0						
GRAN	10 ⁹ /L	0.9	0.8	5.1	2.0	15.6	3.5						
GRAN	%	40.9	10.0	64.4	9.0	78.8	8.0						
RBC	10 ¹² /L	2.27	0.20	4.23	0.40	5.26	0.40						
HGB	g/dL	5.6	0.5	11.0	1.0	15.4	1.2						
[HGB]	g/L	56	5.0	110	10.0	154	12.0						
HCT	%	18.3	2.5	36.6	4.5	48.1	4.5						
[HCT]	L/L	0.183	0.025	0.366	0.045	0.481	0.045						
MCV	fL	80.7	6.0	86.5	7.0	91.5	7.0						
MCH	pg	24.7	2.5	26.0	2.5	29.3	2.5						
MCHC	g/dL	30.6	3.5	30.1	3.5	32.0	3.5						
[MCHC]	g/L	306	35	301	35	320	35						
RDW	%	15.6	5.0	15.5	5.0	14.4	5.0						
PLT	10 ⁹ /L	73	25	204	35	528	85						
MPV	fL	8.7	1.5	8.5	1.5	8.4	1.5						

Instrument:		Control		L		Control		N		Control		H	
Dixon Hemalite1280		91050422		91050423		91050424							
Parameter		x	+/-	x	+/-	x	+/-	x	+/-	x	+/-	x	+/-
WBC	10 ⁹ /L	2.0	0.4	7.9	1.0	19.8	2.5						
LYM	10 ⁹ /L	1.0	0.6	2.2	1.2	2.7	2.0						
LYM	%	52.0	10.0	27.6	9.0	13.4	6.0						
MID	10 ⁹ /L	0.2	0.2	0.6	0.3	1.5	1.2						
MID	%	7.2	6.0	8.0	5.0	7.8	5.0						
GRAN	10 ⁹ /L	0.9	0.8	5.1	2.0	15.6	3.5						
GRAN	%	40.9	10.0	64.4	9.0	78.8	8.0						
RBC	10 ¹² /L	2.27	0.2	4.23	0.4	5.26	0.4						
HGB	g/dL	5.6	0.5	11.0	1.0	15.4	1.2						
[HGB]	g/L	56	5	110	10	154	12						
HCT	%	18.3	2.5	36.6	4.5	48.1	4.5						
[HCT]	L/L	0.183	0.025	0.366	0.045	0.481	0.045						
MCV	fL	80.7	6.0	86.5	7.0	91.5	7.0						
MCH	pg	24.7	2.5	26.0	2.5	29.3	2.5						
MCHC	g/dL	30.6	3.5	30.1	3.5	32.0	3.5						
[MCHC]	g/L	306	35	301	35	320	35						
RDW	%	15.6	5.0	15.5	5.0	14.4	5.0						
PLT	10 ⁹ /L	73	25	204	35	528	85						
MPV	fL	8.7	1.5	8.5	1.5	8.4	1.5						

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EXP: 2019-10-21
Open-Vial Stability 30 Days

Instrument: Rayto RT7600/MD7600 Avis GA-60		Control L		Control N		Control H	
Parameter		91050422		91050423		91050424	
		x	+/-	x	+/-	x	+/-
WBC	10 ⁹ /L	1.9	0.4	7.1	0.6	16.9	2.5
LYM	10 ⁹ /L	1.1	0.5	2.4	0.5	3.0	1.5
LYM	%	58.5	8.0	33.3	6.0	17.8	6.0
MID	10 ⁹ /L	0.2	0.2	0.7	0.3	1.9	1.0
MID	%	8.2	4.5	10.4	5.0	11.1	5.0
GRAN	10 ⁹ /L	0.8	0.8	4.0	1.0	12.0	3.0
GRAN	%	33.2	8.0	56.3	7.0	71.1	8.0
RBC	10 ¹² /L	2.15	0.15	4.10	0.20	5.15	0.25
HGB	g/dL	5.7	0.5	11.1	0.6	15.3	0.7
[HGB]	g/L	57	5	111	6	153	7
HCT	%	17.6	2.0	34.9	3.0	45.8	4.0
[HCT]	L/L	0.176	0.020	0.349	0.030	0.458	0.040
MCV	fL	81.9	6.0	85.2	6.0	89.0	6.0
MCH	pg	26.5	2.0	27.1	2.0	29.7	2.0
MCHC	g/dL	32.4	3.0	31.8	3.0	33.4	3.0
[MCHC]	g/L	324	30	318	30	334	30
RDW	%	13.8	5.0	13.5	5.0	13.1	5.0
PLT	10 ⁹ /L	80	25	208	30	519	60
MPV	fL	8.0	1.5	7.8	1.5	7.7	1.5

Instrument: DiaSys X-Pedite Hem3 Vet		Control L		Control N		Control H	
Parameter		91050422		91050423		91050424	
		x	+/-	x	+/-	x	+/-
WBC	10 ⁹ /L	1.9	0.4	7.1	0.6	16.9	2.5
LYM	10 ⁹ /L	1.1	0.5	2.4	0.5	3.0	1.5
LYM	%	58.5	8.0	33.3	6.0	17.8	6.0
MID	10 ⁹ /L	0.2	0.2	0.7	0.3	1.9	1.0
MID	%	8.2	4.5	10.4	5.0	11.1	5.0
GRAN	10 ⁹ /L	0.8	0.8	4.0	1.0	12.0	3.0
GRAN	%	33.2	8.0	56.3	7.0	71.1	8.0
RBC	10 ¹² /L	2.15	0.15	4.10	0.20	5.15	0.25
HGB	g/dL	5.7	0.5	11.1	0.6	15.3	0.7
[HGB]	g/L	57	5.0	111	6.0	153	7.0
HCT	%	17.6	2.0	34.9	3.0	45.8	4.0
[HCT]	L/L	0.176	0.020	0.349	0.030	0.458	0.040
MCV	fL	81.9	6.0	85.2	6.0	89.0	6.0
MCH	pg	26.5	2.0	27.1	2.0	29.7	2.0
MCHC	g/dL	32.4	3.0	31.8	3.0	33.4	3.0
[MCHC]	g/L	324.0	30.0	318.0	30.0	334.0	30.0
RDW	%	13.8	5.0	13.5	5.0	13.1	5.0
PLT	10 ⁹ /L	80	25	208	30	519	60
MPV	fL	8.0	1.5	7.8	1.5	7.7	1.5

Instrument: Dixon Hemalite 1260		Control L		Control N		Control H	
Parameter		91050422		91050423		91050424	
		x	+/-	x	+/-	x	+/-
WBC	10 ⁹ /L	2.0	0.4	7.4	1.0	17.9	2.5
LYM	10 ⁹ /L	1	0.6	2.1	1.2	2.6	2.0
LYM	%	52.2	10.0	28.9	9.0	14.6	6.0
MID	10 ⁹ /L	0.2	0.2	0.8	0.3	1.6	1.2
MID	%	10.5	6.0	10.3	5.0	8.7	5.0
GRAN	10 ⁹ /L	0.8	0.8	4.5	2.0	13.7	3.5
GRAN	%	37.4	10.0	60.8	9.0	76.7	8.0
RBC	10 ¹² /L	2.37	0.20	4.24	0.25	5.18	0.3
HGB	g/dL	5.8	0.5	11.3	0.7	15.6	1.0
[HGB]	g/L	58	5	113	7	156	10
HCT	%	18.7	2.0	36	4.5	46.6	4.5
[HCT]	L/L	0.187	0.020	0.36	0.045	0.466	0.045
MCV	fL	79	6	85	7	90	7
MCH	pg	24.5	2.5	26.7	2.5	30.1	2.5
MCHC	g/dL	31	3.5	31.4	3.5	33.5	3.5
[MCHC]	g/L	310	35	314	35	335	35
RDW	%	19.9	5.0	19.3	5.0	17.8	5.0
PLT	10 ⁹ /L	64	25	204	35	583	85
MPV	fL	NA	NA	9.4	1.5	9.6	1.5

Instrument: West Medica V-Counter		Control L		Control N		Control H	
Parameter		91050422		91050423		91050424	
		x	+/-	x	+/-	x	+/-
WBC	10 ⁹ /L	2.0	0.4	7.9	1.0	19.8	2.5
LYM	10 ⁹ /L	1.0	0.6	2.2	1.2	2.7	2
LYM	%	52	10	27.6	9	13.4	6
MID	10 ⁹ /L	0.2	0.2	0.6	0.3	1.5	1.2
MID	%	7.2	6	8	5	7.8	5
GRAN	10 ⁹ /L	0.9	0.8	5.1	2	15.6	3.5
GRAN	%	40.9	10	64.4	9	78.8	8
RBC	10 ¹² /L	2.27	0.2	4.23	0.4	5.26	0.4
HGB	g/dL	5.6	0.5	11	1	15.4	1.2
[HGB]	g/L	56	5	110	10	154	12
HCT	%	18.3	2.5	36.6	4.5	48.1	4.5
[HCT]	L/L	0.183	0.025	0.366	0.045	0.481	0.045
MCV	fL	80.7	6	86.5	7	91.5	7
MCH	pg	24.7	2.5	26	2.5	29.3	2.5
MCHC	g/dL	30.6	3.5	30.1	3.5	32	3.5
[MCHC]	g/L	306	35	301	35	320	35
RDW	%	15.6	5	15.5	5	14.4	5
PLT	10 ⁹ /L	73	25	204	35	528	85
MPV	%	8.7	1.5	8.5	1.5	8.4	1.5

Instrument: Dixon PE-6100 Dixon Hemalite 1270		Control L		Control N		Control H	
Parameter		91050422		91050423		91050424	
		x	+/-	x	+/-	x	+/-
WBC	10 ⁹ /L	2.1	0.4	8	0.6	20.3	2.5
LYM	10 ⁹ /L	1.4	0.5	3.2	0.5	4.5	1.5
LYM	%	68.9	11.0	40.0	6.0	22.2	6.0
MID	10 ⁹ /L	0.2	0.2	0.5	0.3	1.6	1.0
MID	%	6.0	6.0	6.6	5.0	8.0	5.0
GRAN	10 ⁹ /L	0.8	0.8	4.3	1.0	14.3	3.0
GRAN	%	25.4	11.0	53.2	7.0	70.5	8.0
RBC	10 ¹² /L	2.22	0.15	4.2	0.2	5.2	0.25
HGB	g/dL	5.4	0.5	10.9	0.6	15.2	0.7
[HGB]	g/L	54	5	109	6	152	7
HCT	%	16.9	2.0	34.0	3.0	44.7	4.0
[HCT]	L/L	0.169	0.02	0.34	0.03	0.447	0.04
MCV	fL	76	6	81	6	86	6
MCH	pg	24.3	2.0	26.0	2.0	29.2	2.0
MCHC	g/dL	32	3.0	32.1	3.0	34.0	3.0
[MCHC]	g/L	320	30	321	30	340	30
RDW	%	18.6	5.0	18.4	5.0	16.9	5.0
PLT	10 ⁹ /L	78	15	232	30	637	60
PCT	%	0.06	0.03	0.17	0.06	0.47	0.2
MPV	fL	7.3	1.5	7.3	1.5	7.4	1.5
PDW	%	14.5	5.5	14.4	3.7	13.6	2.7

Instrument: ABX Micros ES 60		Control L		Control N		Control H	
Parameter		91050422		91050423		91050424	
		x	+/-	x	+/-	x	+/-
WBC	10 ⁹ /L	2	0.4	8.1	0.6	20.4	2.5
LYM	10 ⁹ /L	1.3	0.5	2.9	0.5	4	1.5
LYM	%	63.1	8.0	35.6	6.0	19.8	6.0
MID	10 ⁹ /L	0.2	0.2	0.6	0.3	1.5	1.0
MID	%	4.6	4.5	6.9	5.0	7.3	5.0
GRAN	10 ⁹ /L	0.8	0.8	4.7	1.0	14.9	3.0
GRAN	%	32.3	8.0	57.5	7.0	72.9	8.0
RBC	10 ¹² /L	2.11	0.15	4.07	0.20	5.12	0.25
HGB	g/dL	5.3	0.5	10.8	0.6	14.9	0.7
[HGB]	g/L	53	5	108	6	149	7
HCT	%	16	2.0	33	3.0	44	4.0
[HCT]	L/L	0.160	0.020	0.330	0.030	0.44	0.04
MCV	fL	76	6	81	6	86	6
MCH	pg	25.1	2.0	26.5	2.0	29.1	2.0
MCHC	g/dL	33.1	3.0	32.8	3.0	33.8	3.0
[MCHC]	g/L	331	30	328	30	338	30
RDW	%	16.8	5.0	16.6	5.0	15.4	5.0
PLT	10 ⁹ /L	70	15	208	30	541	60
MPV	fL	9.9	1.5	9.6	1.5	9.5	1.5