

Para 12 Extend

Multi-Parameter Assayed Hematology Control

EXP: 2019-07-29
Open-Vial Stability 30 Days

Instrument:		Control		L		Control		N		Control		H	
Micro CC-18		90210422		90210423		90210423		90210423		90210424		90210424	
Parameter		x	+/-	x	+/-	x	+/-	x	+/-	x	+/-	x	+/-
WBC	10 ⁹ /L	2.1	0.4	8.0	0.7	20.8	2.5						
LYM	10 ⁹ /L	1.0	0.5	2.1	0.5	2.6	1.5						
LYM	%	47.0	8.0	26.6	6.0	12.7	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	1.0	0.8	5.5	1.0	17.2	3.0						
GRAN	%	47.0	8.0	68.4	7.0	82.7	8.0						
RBC	10 ¹² /L	2.55	0.20	4.58	0.25	5.66	0.35						
HGB	g/dL	5.6	0.8	11.3	0.9	15.9	1.0						
[HGB]	g/L	56	8	113	9	159	10						
HCT	%	18.8	2.0	36.0	4.5	50.8	4.5						
[HCT]	L/L	0.188	0.020	0.360	0.045	0.508	0.045						
MCV	fL	73.9	6.0	78.5	7.0	89.7	7.0						
MCH	pg	22.0	2.5	24.7	3.0	28.1	3.0						
MCHC	g/dL	29.7	3.5	31.4	3.5	31.3	3.5						
[MCHC]	g/L	297	35	314	35	313	35						
RDW	%	23.1	5.0	22.3	5.0	20.5	5.0						
PLT	10 ⁹ /L	70	25	219	45	559	85.0						
MPV	fL	11.2	1.5	10.1	1.5	9.7	1.5						
PDW	%	NA	3.0	13.2	1.7	12.7	1.7						

Instrument:		Control		L		Control		N		Control		H	
Erba Lachema Elite 3		90210422		90210423		90210423		90210423		90210424		90210424	
Parameter		x	+/-	x	+/-	x	+/-	x	+/-	x	+/-	x	+/-
WBC	10 ⁹ /L	2.3	0.4	8.3	0.6	20.1	2.5						
LYM	10 ⁹ /L	1.3	0.5	2.5	0.5	2.9	1.5						
LYM	%	56.1	8.0	29.7	6.0	14.6	6.0						
MID	10 ⁹ /L	0.2	0.2	1.0	0.3	2.4	1.0						
MID	%	6.2	6.0	11.6	5.0	11.7	5.0						
GRAN	10 ⁹ /L	0.9	0.8	4.9	1.0	14.8	3.0						
GRAN	%	37.8	8.0	58.8	7.0	73.8	8.0						
RBC	10 ¹² /L	2.27	0.15	4.26	0.20	5.25	0.25						
HGB	g/dL	5.7	0.5	11.7	0.6	15.8	0.7						
[HGB]	g/L	57	5	117	6	158	7						
HCT	%	17.2	2.0	34.0	3.0	44.3	4.0						
[HCT]	L/L	0.172	0.020	0.340	0.030	0.443	0.040						
MCV	fL	75.8	6.0	79.8	6.0	84.3	6.0						
MCH	pg	25.1	2.0	27.5	2.0	30.1	2.0						
MCHC	g/dL	33.1	3.0	34.4	3.0	35.7	3.0						
[MCHC]	g/L	331	30	344	30	357	30						
RDW	%	19.0	5.0	18.4	5.0	17.2	5.0						
PLT	10 ⁹ /L	72	15	238	30	596	60						
PCT	%	0.07	0.03	0.23	0.06	0.57	0.20						
MPV	fL	9.4	1.5	9.5	1.5	9.5	1.5						
PDW	%	34.1	5.5	34.8	3.7	35.0	2.7						

Instrument:		Control		L		Control		N		Control		H	
Mindray BC3000/3000 Plus Hemolux 19		90210422		90210423		90210423		90210423		90210424		90210424	
Parameter		x	+/-	x	+/-	x	+/-	x	+/-	x	+/-	x	+/-
WBC	10 ⁹ /L	2.2	0.4	8.4	1.0	20.8	2.5						
LYM	10 ⁹ /L	1.1	0.6	2.2	1.2	2.8	2.0						
LYM	%	50.1	10.0	26.3	9.0	13.3	6.0						
MID	10 ⁹ /L	0.2	0.2	0.8	0.3	1.9	1.2						
MID	%	8.5	6.0	9.3	5.0	9.2	5.0						
GRAN	10 ⁹ /L	0.9	0.8	5.4	2.0	16.1	3.5						
GRAN	%	41.4	10.0	64.4	9.0	77.5	8.0						
RBC	10 ¹² /L	2.35	0.20	4.34	0.40	5.42	0.40						
HGB	g/dL	5.8	0.5	11.4	1.0	15.6	1.2						
[HGB]	g/L	58	5.0	114	10.0	156	12.0						
HCT	%	18.4	2.5	35.8	4.5	49.5	4.5						
[HCT]	L/L	0.184	0.025	0.358	0.045	0.495	0.045						
MCV	fL	78.2	6.0	82.4	7.0	91.3	7.0						
MCH	pg	24.7	2.5	26.3	2.5	28.8	2.5						
MCHC	g/dL	31.5	3.5	31.8	3.5	31.5	3.5						
[MCHC]	g/L	315	35	318	35	315	35						
RDW	%	16.6	5.0	15.8	5.0	14.6	5.0						
PLT	10 ⁹ /L	80	25	216	35	546	85						
MPV	fL	9.2	1.5	8.7	1.5	8.5	1.5						

Instrument:		Control		L		Control		N		Control		H	
Dixon Hemalite1280		90210422		90210423		90210423		90210423		90210424		90210424	
Parameter		x	+/-	x	+/-	x	+/-	x	+/-	x	+/-	x	+/-
WBC	10 ⁹ /L	2.2	0.4	8.4	1.0	20.8	2.5						
LYM	10 ⁹ /L	1.1	0.6	2.2	1.2	2.8	2.0						
LYM	%	50.1	10.0	26.3	9.0	13.3	6.0						
MID	10 ⁹ /L	0.2	0.2	0.8	0.3	1.9	1.2						
MID	%	8.5	6.0	9.3	5.0	9.2	5.0						
GRAN	10 ⁹ /L	0.9	0.8	5.4	2.0	16.1	3.5						
GRAN	%	41.4	10.0	64.4	9.0	77.5	8.0						
RBC	10 ¹² /L	2.35	0.2	4.34	0.4	5.42	0.4						
HGB	g/dL	5.8	0.5	11.4	1.0	15.6	1.2						
[HGB]	g/L	58	5	114	10	156	12						
HCT	%	18.4	2.5	35.8	4.5	49.5	4.5						
[HCT]	L/L	0.184	0.025	0.358	0.045	0.495	0.045						
MCV	fL	78.2	6.0	82.4	7.0	91.3	7.0						
MCH	pg	24.7	2.5	26.3	2.5	28.8	2.5						
MCHC	g/dL	31.5	3.5	31.8	3.5	31.5	3.5						
[MCHC]	g/L	315	35	318	35	315	35						
RDW	%	16.6	5.0	15.8	5.0	14.6	5.0						
PLT	10 ⁹ /L	80	25	216	35	546	85						
MPV	fL	9.2	1.5	8.7	1.5	8.5	1.5						

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EXP: 2019-07-29
Open-Vial Stability 30 Days

Instrument: Rayto RT7600/MD7600 Avis GA-60		Control		L		Control		N		Control		H	
Parameter		90210422		90210423		90210423		90210424		90210424		90210424	
		x	+/-	x	+/-	x	+/-	x	+/-	x	+/-	x	+/-
WBC	10 ⁹ /L	1.9	0.4	7.0	0.6	17.0	2.5						
LYM	10 ⁹ /L	1.1	0.5	2.2	0.5	2.9	1.5						
LYM	%	55.8	8.0	31.5	6.0	17.3	6.0						
MID	10 ⁹ /L	0.2	0.2	0.8	0.3	2.3	1.0						
MID	%	9.9	4.5	12.1	5.0	13.7	5.0						
GRAN	10 ⁹ /L	0.8	0.8	3.9	1.0	11.7	3.0						
GRAN	%	34.3	8.0	55.8	7.0	68.9	8.0						
RBC	10 ¹² /L	2.20	0.15	4.10	0.20	5.20	0.25						
HGB	g/dL	5.7	0.5	11.4	0.6	15.8	0.7						
[HGB]	g/L	57	5	114	6	158	7						
HCT	%	18.1	2.0	35.2	3.0	45.1	4.0						
[HCT]	L/L	0.181	0.020	0.352	0.030	0.451	0.040						
MCV	fL	82.2	6.0	85.9	6.0	86.8	6.0						
MCH	pg	25.9	2.0	27.8	2.0	30.4	2.0						
MCHC	g/dL	31.5	3.0	32.4	3.0	35.0	3.0						
[MCHC]	g/L	315	30	324	30	350	30						
RDW	%	14.6	5.0	14.0	5.0	13.1	5.0						
PLT	10 ⁹ /L	80	25	207	30	495	60						
MPV	fL	8.0	1.5	8.0	1.5	8.0	1.5						

Instrument: DiaSys X-Pedite Hem3 Vet		Control		L		Control		N		Control		H	
Parameter		90210422		90210423		90210423		90210424		90210424		90210424	
		x	+/-	x	+/-	x	+/-	x	+/-	x	+/-	x	+/-
WBC	10 ⁹ /L	1.9	0.4	7.0	0.6	17.0	2.5						
LYM	10 ⁹ /L	1.1	0.5	2.2	0.5	2.9	1.5						
LYM	%	55.8	8.0	31.5	6.0	17.3	6.0						
MID	10 ⁹ /L	0.2	0.2	0.8	0.3	2.3	1.0						
MID	%	9.9	4.5	12.1	5.0	13.7	5.0						
GRAN	10 ⁹ /L	0.8	0.8	3.9	1.0	11.7	3.0						
GRAN	%	34.3	8.0	55.8	7.0	68.9	8.0						
RBC	10 ¹² /L	2.20	0.15	4.10	0.20	5.20	0.25						
HGB	g/dL	5.7	0.5	11.4	0.6	15.8	0.7						
[HGB]	g/L	57	5	114	6	158	7						
HCT	%	18.1	2.0	35.2	3.0	45.1	4.0						
[HCT]	L/L	0.181	0.020	0.352	0.030	0.451	0.040						
MCV	fL	82.2	6.0	85.9	6.0	86.8	6.0						
MCH	pg	25.9	2.0	27.8	2.0	30.4	2.0						
MCHC	g/dL	31.5	3.0	32.4	3.0	35.0	3.0						
[MCHC]	g/L	315.0	30.0	324.0	30.0	350.0	30.0						
RDW	%	14.6	5.0	14.0	5.0	13.1	5.0						
PLT	10 ⁹ /L	80	25	207	30	495	60						
MPV	fL	8.0	1.5	8.0	1.5	8.0	1.5						

Instrument: Dixon Hemalite 1260		Control		L		Control		N		Control		H	
Parameter		90210422		90210423		90210423		90210424		90210424		90210424	
		x	+/-	x	+/-	x	+/-	x	+/-	x	+/-	x	+/-
WBC	10 ⁹ /L	2.0	0.4	7.4	1.0	18.1	2.5						
LYM	10 ⁹ /L	1.1	0.6	2.2	1.2	2.7	2.0						
LYM	%	54.2	10.0	29.1	9.0	15	6.0						
MID	10 ⁹ /L	0.2	0.2	0.7	0.3	1.7	1.2						
MID	%	8.3	6.0	9.4	5.0	9.3	5.0						
GRAN	10 ⁹ /L	0.8	0.8	4.6	2.0	13.7	3.5						
GRAN	%	37.6	10.0	61.5	9.0	75.7	8.0						
RBC	10 ¹² /L	2.36	0.20	4.29	0.25	5.16	0.3						
HGB	g/dL	5.6	0.5	11.3	0.7	15.5	1.0						
[HGB]	g/L	56	5	113	7	155	10						
HCT	%	18.2	2.0	34.7	4.5	46.4	4.5						
[HCT]	L/L	0.182	0.020	0.347	0.045	0.464	0.045						
MCV	fL	77	6	81	7	90	7						
MCH	pg	23.7	2.5	26.3	2.5	30	2.5						
MCHC	g/dL	30.8	3.5	32.6	3.5	33.4	3.5						
[MCHC]	g/L	308	35	326	35	334	35						
RDW	%	21.8	5.0	20.3	5.0	18.6	5.0						
PLT	10 ⁹ /L	65	25	211	35	565	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		90210422		90210423		90210423		90210424		90210424		90210424	
		x	+/-	x	+/-	x	+/-	x	+/-	x	+/-	x	+/-
WBC	10 ⁹ /L	2.2	0.4	8.4	1.0	20.8	2.5						
LYM	10 ⁹ /L	1.1	0.6	2.2	1.2	2.8	2						
LYM	%	50.1	10	26.3	9	13.3	6						
MID	10 ⁹ /L	0.2	0.2	0.8	0.3	1.9	1.2						
MID	%	8.5	6	9.3	5	9.2	5						
GRAN	10 ⁹ /L	0.9	0.8	5.4	2	16.1	3.5						
GRAN	%	41.4	10	64.4	9	77.5	8						
RBC	10 ¹² /L	2.35	0.2	4.34	0.4	5.42	0.4						
HGB	g/dL	5.8	0.5	11.4	1	15.6	1.2						
[HGB]	g/L	58	5	114	10	156	12						
HCT	%	18.4	2.5	35.8	4.5	49.5	4.5						
[HCT]	L/L	0.184	0.025	0.358	0.045	0.495	0.045						
MCV	fL	78.2	6	82.4	7	91.3	7						
MCH	pg	24.7	2.5	26.3	2.5	28.8	2.5						
MCHC	g/dL	31.5	3.5	31.8	3.5	31.5	3.5						
[MCHC]	g/L	315	35	318	35	315	35						
RDW	%	16.6	5	15.8	5	14.6	5						
PLT	10 ⁹ /L	80	25	216	35	546	85						
PCT	%	9.2	1.5	8.7	1.5	8.5	1.5						

Instrument: Dixon PE-6100 Dixon Hemalite 1270		Control		L		Control		N		Control		H	
Parameter		90210422		90210423		90210423		90210424		90210424		90210424	
		x	+/-	x	+/-	x	+/-	x	+/-	x	+/-	x	+/-
WBC	10 ⁹ /L	2.3	0.4	8.2	0.6	20.9	2.5						
LYM	10 ⁹ /L	1.4	0.5	3	0.5	4.3	1.5						
LYM	%	61.8	11.0	36.9	6.0	20.8	6.0						
MID	10 ⁹ /L	0.2	0.2	0.5	0.3	1.5	1.0						
MID	%	6.0	6.0	6.7	5.0	7.2	5.0						
GRAN	10 ⁹ /L	0.8	0.8	4.6	1.0	15.2	3.0						
GRAN	%	32.9	11.0	56.3	7.0	72.8	8.0						
RBC	10 ¹² /L	2.26	0.15	4.18	0.2	5.27	0.25						
HGB	g/dL	5.7	0.5	11.2	0.6	15.3	0.7						
[HGB]	g/L	57	5	112	6	153	7						
HCT	%	16.5	2.0	32.2	3.0	44.3	4.0						
[HCT]	L/L	0.165	0.02	0.322	0.03	0.443	0.04						
MCV	fL	73	6	77	6	84	6						
MCH	pg	25.2	2.0	26.8	2.0	29.0	2.0						
MCHC	g/dL	34.5	3.0	34.8	3.0	34.5	3.0						
[MCHC]	g/L	345	30	348	30	345	30						
RDW	%	19	5.0	18.4	5.0	17.4	5.0						
PLT	10 ⁹ /L	80	15	227	30	626	60						
PCT	%	0.06	0.03	0.16	0.06	0.45	0.2						
MPV	fL	7.3	1.5	7.2	1.5	7.2	1.5						
PDW	%	14.4	5.5	12.9	3.7	13.3	2.7						

Instrument: ABX Micros ES 60		Control		L		Control		N		Control		H	
Parameter		90210422		90210423		90210423		90210424		90210424		90210424	
		x	+/-	x	+/-	x	+/-	x	+/-	x	+/-	x	+/-
WBC	10 ⁹ /L	2.2	0.4	8.5	0.6	21.3	2.5						
LYM	10 ⁹ /L	1.3	0.5	2.9	0.5	4.2	1.5						
LYM	%	60.5	8.0	34.2	6.0	19.5	6.0						
MID	10 ⁹ /L	0.2	0.2	0.8	0.3	2	1.0						
MID	%	6.3	4.5	8.9	5.0	9.6	5.0						
GRAN	10 ⁹ /L	0.8	0.8	4.8	1.0	15.1	3.0						
GRAN	%	33.2	8.0	57	7.0	70.9	8.0						
RBC	10 ¹² /L	2.16	0.15	4.19	0.20	5.25	0.25						
HGB	g/dL	5.4	0.5	11	0.6	15.1	0.7						
[HGB]	g/L	54	5	110	6	151	7						
HCT	%	16	2.0	32.7	3.0	44.6	4.0						