

# Para 12 Extend

Multi-Parameter Assayed Hematology Control

EXP: 2020-09-21  
Open-Vial Stability 30 Days

Instrument: Micro CC-18		Control	L	Control	N	Control	H
		760422		760423		760424	
Parameter		x	+/-	x	+/-	x	+/-
WBC	10 <sup>9</sup> /L	2.1	0.4	8.2	0.7	21.5	2.5
LYM	10 <sup>9</sup> /L	1.1	0.5	2.1	0.5	2.8	1.5
LYM	%	50.5	8.0	26.2	6.0	12.8	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	5.6	5.0	5.0	5.0
GRAN	10 <sup>9</sup> /L	0.9	0.8	5.6	1.0	18.0	3.0
GRAN	%	44.5	8.0	68.2	7.0	83.5	8.0
RBC	10 <sup>12</sup> /L	2.39	0.20	4.30	0.25	5.29	0.35
HGB	g/dL	5.3	0.8	10.8	0.9	15.3	1.0
[HGB]	g/L	53	8	108	9	153	10
HCT	%	18.8	2.0	36.4	4.5	47.5	4.5
[HCT]	L/L	0.188	0.020	0.364	0.045	0.475	0.045
MCV	fL	78.8	6.0	84.7	7.0	89.7	7.0
MCH	pg	22.2	2.5	25.1	3.0	28.9	3.0
MCHC	g/dL	28.1	3.5	29.7	3.5	32.2	3.5
[MCHC]	g/L	281	35	297	35	322	35
RDW	%	23.9	5.0	22.8	5.0	21.2	5.0
PLT	10 <sup>9</sup> /L	86	25	219	45	545	85.0
MPV	fL	10.5	1.5	9.3	1.5	9.1	1.5
PDW	%	11.5	3.0	10.9	1.7	11.1	1.7

Instrument: Erba Lachema Elite 3		Control	L	Control	N	Control	H
		760422		760423		760424	
Parameter		x	+/-	x	+/-	x	+/-
WBC	10 <sup>9</sup> /L	2.3	0.4	8.3	0.6	19.9	2.5
LYM	10 <sup>9</sup> /L	1.3	0.5	2.5	0.5	3.2	1.5
LYM	%	56.9	8.0	26.6	6.0	15.9	6.0
MID	10 <sup>9</sup> /L	0.2	0.2	1.0	0.3	2.0	1.0
MID	%	8.4	6.0	11.6	5.0	9.8	5.0
GRAN	10 <sup>9</sup> /L	0.8	0.8	4.9	1.0	14.8	3.0
GRAN	%	35.1	8.0	58.8	7.0	74.4	8.0
RBC	10 <sup>12</sup> /L	2.29	0.15	4.13	0.20	5.01	0.25
HGB	g/dL	5.4	0.5	10.7	0.6	14.6	0.7
[HGB]	g/L	54	5	107	6	146	7
HCT	%	17.4	2.0	33.5	3.0	42.9	4.0
[HCT]	L/L	0.174	0.020	0.335	0.030	0.429	0.040
MCV	fL	75.8	6.0	81.2	6.0	85.6	6.0
MCH	pg	23.6	2.0	25.9	2.0	29.1	2.0
MCHC	g/dL	31.0	3.0	31.9	3.0	34.0	3.0
[MCHC]	g/L	310	30	319	30	340	30
RDW	%	20.2	5.0	18.6	5.0	17.3	5.0
PLT	10 <sup>9</sup> /L	65	15	214	30	583	60
PCT	%	NA	0.03	NA	0.06	NA	0.20
MPV	fL	9.8	1.5	9.7	1.5	9.7	1.5
PDW	%	NA	5.5	NA	3.7	NA	2.7

Instrument: Mindray BC3000/3000 Plus Hemolux 19 West Medica V-Counter		Control	L	Control	N	Control	H
		760422		760423		760424	
Parameter		x	+/-	x	+/-	x	+/-
WBC	10 <sup>9</sup> /L	2.1	0.4	8.4	1.0	21.1	2.5
LYM	10 <sup>9</sup> /L	1.0	0.6	2.1	1.2	2.8	2.0
LYM	%	49.9	10.0	25.5	9.0	13.2	6.0
MID	10 <sup>9</sup> /L	0.2	0.2	0.8	0.3	1.5	1.2
MID	%	9.1	6.0	9.5	5.0	7.3	5.0
GRAN	10 <sup>9</sup> /L	0.9	0.8	5.5	2.0	16.8	3.5
GRAN	%	41.0	10.0	65.1	9.0	79.5	8.0
RBC	10 <sup>12</sup> /L	2.32	0.20	4.27	0.40	5.31	0.40
HGB	g/dL	5.4	0.5	10.9	1.0	15.0	1.2
[HGB]	g/L	54	5.0	109	10.0	150	12.0
HCT	%	18.5	2.5	36.5	4.5	48.2	4.5
[HCT]	L/L	0.185	0.025	0.365	0.045	0.482	0.045
MCV	fL	79.7	6.0	85.4	7.0	90.8	7.0
MCH	pg	23.3	2.5	25.5	2.5	28.2	2.5
MCHC	g/dL	29.2	3.5	29.9	3.5	31.1	3.5
[MCHC]	g/L	292	35	299	35	311	35
RDW	%	16.2	5.0	15.1	5.0	14.1	5.0
PLT	10 <sup>9</sup> /L	75	25	208	35	531	85
MPV	fL	9.1	1.5	8.7	1.5	8.5	1.5

Instrument: Dixon Hemalite1280		Control	L	Control	N	Control	H
		760422		760423		760424	
Parameter		x	+/-	x	+/-	x	+/-
WBC	10 <sup>9</sup> /L	2.1	0.4	8.4	1.0	21.1	2.5
LYM	10 <sup>9</sup> /L	1.0	0.6	2.1	1.2	2.8	2.0
LYM	%	49.9	10.0	25.5	9.0	13.2	6.0
MID	10 <sup>9</sup> /L	0.2	0.2	0.8	0.3	1.5	1.2
MID	%	9.1	6.0	9.5	5.0	7.3	5.0
GRAN	10 <sup>9</sup> /L	0.9	0.8	5.5	2.0	16.8	3.5
GRAN	%	41.0	10.0	65.1	9.0	79.5	8.0
RBC	10 <sup>12</sup> /L	2.32	0.2	4.27	0.4	5.31	0.4
HGB	g/dL	5.4	0.5	10.9	1.0	15.0	1.2
[HGB]	g/L	54	5	109	10	150	12
HCT	%	18.5	2.5	36.5	4.5	48.2	4.5
[HCT]	L/L	0.185	0.025	0.365	0.045	0.482	0.045
MCV	fL	79.7	6.0	85.4	7.0	90.8	7.0
MCH	pg	23.3	2.5	25.5	2.5	28.2	2.5
MCHC	g/dL	29.2	3.5	29.9	3.5	31.1	3.5
[MCHC]	g/L	292	35	299	35	311	35
RDW	%	16.2	5.0	15.1	5.0	14.1	5.0
PLT	10 <sup>9</sup> /L	75	25	208	35	531	85
MPV	fL	9.1	1.5	8.7	1.5	8.5	1.5

# Para 12 Extend

Multi-Parameter Assayed Hematology Control

EXP: 2020-09-21  
Open-Vial Stability 30 Days

Instrument: Rayto RT7600/MD7600 Avis GA-60		Control	L	Control	N	Control	H
		760422		760423		760424	
Parameter		x	+/-	x	+/-	x	+/-
WBC	10 <sup>9</sup> /L	1.9	0.4	7.1	0.6	17.3	2.5
LYM	10 <sup>9</sup> /L	1.1	0.5	2.3	0.5	3.1	1.5
LYM	%	57.2	8.0	32.0	6.0	17.9	6.0
MID	10 <sup>9</sup> /L	0.2	0.2	0.8	0.3	1.8	1.0
MID	%	9.8	4.5	11.8	5.0	10.3	5.0
GRAN	10 <sup>9</sup> /L	0.8	0.8	4.0	1.0	12.4	3.0
GRAN	%	33.1	8.0	56.2	7.0	71.8	8.0
RBC	10 <sup>12</sup> /L	2.22	0.15	4.18	0.20	5.17	0.25
HGB	g/dL	5.4	0.5	10.6	0.6	14.5	0.7
[HGB]	g/L	54	5	106	6	145	7
HCT	%	18.8	2.0	37.0	3.0	47.8	4.0
[HCT]	L/L	0.188	0.020	0.370	0.030	0.478	0.040
MCV	fL	84.5	6.0	88.4	6.0	92.5	6.0
MCH	pg	24.3	2.0	25.4	2.0	28.0	2.0
MCHC	g/dL	28.7	3.0	28.6	3.0	30.3	3.0
[MCHC]	g/L	287	30	286	30	303	30
RDW	%	13.8	5.0	13.3	5.0	12.7	5.0
PLT	10 <sup>9</sup> /L	74	25	194	30	478	60
MPV	fL	7.8	1.5	7.7	1.5	7.6	1.5

Instrument: DiaSys X-Pedite Hem3 Vet		Control	L	Control	N	Control	H
		760422		760423		760424	
Parameter		x	+/-	x	+/-	x	+/-
WBC	10 <sup>9</sup> /L	1.9	0.4	7.1	0.6	17.3	2.5
LYM	10 <sup>9</sup> /L	1.1	0.5	2.3	0.5	3.1	1.5
LYM	%	57.2	8.0	32.0	6.0	17.9	6.0
MID	10 <sup>9</sup> /L	0.2	0.2	0.8	0.3	1.8	1.0
MID	%	9.8	4.5	11.8	5.0	10.3	5.0
GRAN	10 <sup>9</sup> /L	0.8	0.8	4.0	1.0	12.4	3.0
GRAN	%	33.1	8.0	56.2	7.0	71.8	8.0
RBC	10 <sup>12</sup> /L	2.22	0.15	4.18	0.20	5.17	0.25
HGB	g/dL	5.4	0.5	10.6	0.6	14.5	0.7
[HGB]	g/L	54	5.0	106	6.0	145	7.0
HCT	%	18.8	2.0	37.0	3.0	47.8	4.0
[HCT]	L/L	0.188	0.020	0.370	0.030	0.478	0.040
MCV	fL	84.5	6.0	88.4	6.0	92.5	6.0
MCH	pg	24.3	2.0	25.4	2.0	28.0	2.0
MCHC	g/dL	28.7	3.0	28.6	3.0	30.3	3.0
[MCHC]	g/L	287.0	30.0	286.0	30.0	303.0	30.0
RDW	%	13.8	5.0	13.3	5.0	12.7	5.0
PLT	10 <sup>9</sup> /L	74	25	194	30	478	60
MPV	fL	7.8	1.5	7.7	1.5	7.6	1.5

Instrument: Dixon Hemalite 1260		Control	L	Control	N	Control	H
		760422		760423		760424	
Parameter		x	+/-	x	+/-	x	+/-
WBC	10 <sup>9</sup> /L	2.0	0.4	7.4	1.0	18	2.5
LYM	10 <sup>9</sup> /L	1.1	0.6	2.1	1.2	2.8	2.0
LYM	%	53	10.0	28.8	9.0	15.6	6.0
MID	10 <sup>9</sup> /L	0.2	0.2	0.8	0.3	1.5	1.2
MID	%	10.4	6.0	10.3	5.0	8.2	5.0
GRAN	10 <sup>9</sup> /L	0.8	0.8	4.5	2.0	13.7	3.5
GRAN	%	36.6	10.0	60.9	9.0	76.2	8.0
RBC	10 <sup>12</sup> /L	2.38	0.20	4.24	0.25	5.15	0.3
HGB	g/dL	5.6	0.5	10.9	0.7	15	1.0
[HGB]	g/L	56	5	109	7	150	10
HCT	%	18.6	2.0	35.6	4.5	46.4	4.5
[HCT]	L/L	0.186	0.020	0.356	0.045	0.464	0.045
MCV	fL	78	6	84	7	90	7
MCH	pg	23.5	2.5	25.7	2.5	29.1	2.5
MCHC	g/dL	30.1	3.5	30.6	3.5	32.3	3.5
[MCHC]	g/L	301	35	306	35	323	35
RDW	%	21.8	5.0	19.2	5.0	17.8	5.0
PLT	10 <sup>9</sup> /L	65	25	201	35	559	85
MPV	fL	NA	NA	9.2	1.5	9.3	1.5

Instrument: Zybia Z3 Genrui KT-6300		Control	L	Control	N	Control	H
		760422		760423		760424	
Parameter		x	+/-	x	+/-	x	+/-
WBC	10 <sup>9</sup> /L	2.0	0.4	7.8	1.0	19.5	2.5
LYM	10 <sup>9</sup> /L	1.1	0.6	2.3	1.2	3.0	2.0
LYM	%	54.6	10.0	29.1	9.0	15.7	6.0
MID	10 <sup>9</sup> /L	0.2	0.2	0.7	0.3	1.5	1.2
MID	%	7.9	6.0	9.3	5.0	7.7	5.0
GRAN	10 <sup>9</sup> /L	0.9	0.8	4.8	2.0	14.9	3.5
GRAN	%	37.5	10.0	61.6	9.0	76.6	8.0
RBC	10 <sup>12</sup> /L	2.3	0.2	4.3	0.4	5.3	0.4
HGB	g/dL	5.2	0.5	10.5	1.0	14.7	1.2
[HGB]	g/L	52	5	105	10	147	12
HCT	%	17.9	2.5	35.1	4.5	46.1	4.5
[HCT]	L/L	0.2	0.0	0.4	0.0	0.5	0.0
MCV	fL	77.3	6.0	82.0	7.0	96.7	7.0
MCH	pg	22.5	2.5	24.5	2.5	27.6	2.5
MCHC	g/dL	29.1	3.5	29.9	3.5	31.9	3.5
[MCHC]	g/L	291	35	299	35	319	35
RDW	%	16.7	5.0	15.9	5.0	15.2	5.0
PLT	10 <sup>9</sup> /L	73	25	211	35	568	85
MPV	%	8.2	1.5	8.2	1.5	8.1	1.5

Instrument: Dixon PE-6100 Dixon Hemalite 1270		Control	L	Control	N	Control	H
		760422		760423		760424	
Parameter		x	+/-	x	+/-	x	+/-
WBC	10 <sup>9</sup> /L	2.2	0.4	8.1	0.6	20.8	2.5
LYM	10 <sup>9</sup> /L	1.5	0.5	3.2	0.5	5.3	1.5
LYM	%	68.5	11.0	39.3	6.0	25.3	6.0
MID	10 <sup>9</sup> /L	0.2	0.2	0.8	0.3	1.7	1.0
MID	%	6.0	6.0	9.5	5.0	8.4	5.0
GRAN	10 <sup>9</sup> /L	0.8	0.8	4.1	1.0	13.8	3.0
GRAN	%	25.8	11.0	51.2	7.0	66.3	8.0
RBC	10 <sup>12</sup> /L	2.27	0.15	4.18	0.2	5.19	0.25
HGB	g/dL	5.3	0.5	10.7	0.6	14.8	0.7
[HGB]	g/L	53	5	107	6	148	7
HCT	%	16.8	2.0	33.0	3.0	44.1	4.0
[HCT]	L/L	0.168	0.02	0.33	0.03	0.441	0.04
MCV	fL	74	6	79	6	85	6
MCH	pg	23.3	2.0	25.6	2.0	28.5	2.0
MCHC	g/dL	31.5	3.0	32.4	3.0	33.6	3.0
[MCHC]	g/L	315	30	324	30	336	30
RDW	%	20.2	5.0	18.4	5.0	17.5	5.0
PLT	10 <sup>9</sup> /L	83	15	239	30	644	60
PCT	%	0.06	0.03	0.18	0.06	0.47	0.2
MPV	fL	7.4	1.5	7.4	1.5	7.3	1.5
PDW	%	15	5.5	13.6	3.7	12.9	2.7

Instrument: ABX Micros ES 60		Control	L	Control	N	Control	H
		760422		760423		760424	
Parameter		x	+/-	x	+/-	x	+/-
WBC	10 <sup>9</sup> /L	2.2	0.4	8.3	0.6	21.2	2.5
LYM	10 <sup>9</sup> /L	1.4	0.5	2.9	0.5	4.3	1.5
LYM	%	62.1	8.0	34.8	6.0	20.1	6.0
MON	10 <sup>9</sup> /L	0.2	0.2	0.7	0.3	1.6	1.0
MON	%	6.3	4.5	8.7	5.0	7.4	5.0
GRAN	10 <sup>9</sup> /L	0.8	0.8	4.7	1.0	15.4	3.0
GRAN	%	31.6	8.0	56.5	7.0	72.6	8.0
RBC	10 <sup>12</sup> /L	2.15	0.15	4.06	0.20	5.06	0.25
HGB	g/dL	5.3	0.5	10.6	0.6	14.4	0.7
[HGB]	g/L	53	5	106	6	144	7
HCT	%	16.1	2.0	32.5	3.0	43	4.0
[HCT]	L/L	0.161	0.020	0.325	0.030	0.43	0.04
MCV	fL	75	6	80	6	85	6
MCH	pg	24.7	2.0	26.1	2.0	28.5	2.0
MCHC	g/dL	32.9	3.0	32.6	3.0	33.5	3.0
[MCHC]	g/L	329	30	326	30	335	30
RDW	%	17.7	5.0	16.4	5.0	15.2	5.0
PLT	10 <sup>9</sup> /L	68	15	199	30	519	60
MPV	fL	10	1.5	9.5	1.5	9.4	1.5