

**HORIBA ABX SAS**  
HORIBA ABX SAS  
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LOT MX 033 L  
Rev 1

CONTROL L

(Exp.) 2013-06-05  
(YYYY-MM-DD)

PARAMETRES PARAMETERS	UNITES UNITS	ABX Lyse									TOLERANCES TOLERANCE
		MICROS ES60 Care ST	MICROS CRP CRP 200	MICROS IP	MICROS ISP	MICROS 60 BP - 60 18P ADIVA 60	ANISOS - HELIOS	PENTRA 60 60 C+ ES60	PENTRA 80 XL80	PENTRA 120 - 120 RETIC DF120 - DX120	
GB WBC	10 <sup>9</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l	2.0	2.0	2.1	2.0	2.0		2.0	2.0	2.1	± 0.4
GR RBC	10 <sup>12</sup> /mm <sup>3</sup> ; 10 <sup>12</sup> /l	2.38	2.37	2.35	2.39	2.36		2.39	2.34	2.37	± 0.15
HB HGB	g/dl	6.2	6.0	6.0	6.0	6.0		5.9	5.9	6.1	± 0.4
	g/l	62	60	60	60	60		59	59	61	± 4
	mmol/l	3.85	3.73	3.73	3.73	3.73		3.66	3.66	3.79	± 0.25
HT HCT	%	16.4	16.4	16.5	16.7	16.3		16.3	16.6	16.6	± 2.0
	l/l	0.164	0.164	0.165	0.167	0.163		0.163	0.166	0.166	± 0.020
VGM MCV	µm <sup>3</sup> ; fl	69	69	70	70	69		68	71	70	± 5
TGMH MCH	pg	26.1	25.3	25.5	25.1	25.4		24.7	25.2	25.7	± 2.0
	fmol	1.62	1.57	1.59	1.56	1.58		1.53	1.57	1.60	± 0.12
CCMH MCHC	g/dl	37.8	36.7	36.5	35.9	36.8		36.3	35.5	36.8	± 3.0
	g/l	378	367	365	359	368		363	355	368	± 30
	mmol/l	23.45	22.78	22.65	22.27	22.88		22.54	22.05	22.83	± 1.86
IDR RDW	%	14.0	13.5	N/A	13.4	13.4		14.8	15.2	18.8	± 4.0
PLAQ. PLTS	10 <sup>9</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l	74	72	68	72	75		* 72	* 68	68	± 20 *± 22
VPM MPV	µm <sup>3</sup> ; fl	8.4	8.2	N/A	8.2	8.0		10.0	10.0	9.4	± 2.0
LYMPHO	#	1.28	1.29	N/A	1.02	1.28		N/A	N/A	N/A	± 0.40
	%	64.0	64.5	N/A	51.0	64.0		N/A	N/A	N/A	± 8.0
MONO	#	0.20	0.21	N/A	0.31	0.20		N/A	N/A	N/A	± 0.20
	%	10.0	10.5	N/A	15.5	10.0		N/A	N/A	N/A	± 6.0
GRANULO	#	0.52	0.50	N/A	0.67	0.52		N/A	N/A	N/A	± 0.40
	%	26.0	25.0	N/A	33.5	26.0		N/A	N/A	N/A	± 7.0

\* For ABX Pentra 60 Pentra 80 instruments only

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PARAMETRES PARAMETERS	UNITES UNITS	ABX Lyse									TOLERANCES TOLERANCE
		MICROS ES60 Care ST	MICROS CRP CRP 200	MICROS IP	MICROS ISP	MICROS 60 BP - 60 18P ADIVA 60	ANISOS - HELIOS	PENTRA 60 60 C+ ES60	PENTRA 80 XL80	PENTRA 120 - 120 RETIC DF120 - DX120	
GB WBC	10 <sup>9</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l	7.9	7.7	7.8	7.6	7.9		8.0	7.9	8.3	± 0.8
GR RBC	10 <sup>12</sup> /mm <sup>3</sup> ; 10 <sup>12</sup> /l	4.67	4.62	4.65	4.70	4.68		4.67	4.66	4.70	± 0.18
HB HGB	g/dl	13.7	13.4	13.3	13.5	13.5		13.5	13.5	13.5	± 0.5
	g/l	137	134	133	135	135		135	135	135	± 5
	mmol/l	8.51	8.32	8.26	8.38	8.38		8.38	8.38	8.38	± 0.31
HT HCT	%	37.4	37.0	37.2	37.6	37.4		36.9	37.3	37.1	± 2.5
	l/l	0.374	0.370	0.372	0.376	0.374		0.369	0.373	0.371	± 0.025
VGM MCV	µm <sup>3</sup> ; fl	80	80	80	80	80		79	80	79	± 5
TGMH MCH	pg	29.3	29.0	28.6	28.7	28.8		28.9	29.0	28.7	± 2.0
	fmol	1.82	1.80	1.78	1.78	1.79		1.80	1.80	1.78	± 0.12
CCMH MCHC	g/dl	36.7	36.3	35.8	35.9	36.1		36.6	36.2	36.4	± 3.0
	g/l	367	363	358	359	361		366	362	364	± 30
	mmol/l	22.77	22.51	22.20	22.30	22.39		22.72	22.49	22.58	± 1.86
IDR RDW	%	13.5	13.0	N/A	13.0	13.5		14.0	14.6	17.6	± 4.0
PLAQ. PLTS	10 <sup>9</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l	278	270	275	280	273		* 275	* 278	280	± 40 *± 40
VPM MPV	µm <sup>3</sup> ; fl	8.0	7.9	N/A	8.2	7.6		9.3	9.3	8.8	± 2.0
LYMPHO	#	2.53	2.46	N/A	1.90	2.57		N/A	N/A	N/A	± 0.40
	%	32.0	32.0	N/A	25.0	32.5		N/A	N/A	N/A	± 6.0
MONO	#	0.63	0.65	N/A	0.61	0.59		N/A	N/A	N/A	± 0.30
	%	8.0	8.5	N/A	8.0	7.5		N/A	N/A	N/A	± 5.0
GRANULO	#	4.74	4.58	N/A	5.09	4.74		N/A	N/A	N/A	± 0.60
	%	60.0	59.5	N/A	67.0	60.0		N/A	N/A	N/A	± 7.0

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PARAMETRES PARAMETERS	UNITES UNITS	ABX Lyse									TOLERANCES TOLERANCE
		MICROS ES60 Care ST	MICROS CRP CRP 200	MICROS IP	MICROS ISP	MICROS 60 BP - 60 18P ADIVA 60	ANISOS - HELIOS	PENTRA 60 60 C+ ES60	PENTRA 80 XL80	PENTRA 120 - 120 RETIC DF120 - DX120	
GB WBC	10 <sup>9</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l	21.4	20.4	20.4	20.4	21.0		21.9	21.5	22.0	± 1.6
GR RBC	10 <sup>12</sup> /mm <sup>3</sup> ; 10 <sup>12</sup> /l	5.50	5.48	5.43	5.48	5.53		5.43	5.50	5.51	± 0.20
HB HGB	g/dl	17.8	17.4	17.3	17.8	17.7		17.5	17.6	17.6	± 0.6
	g/l	178	174	173	178	177		175	176	176	± 6
	mmol/l	11.05	10.81	10.74	11.05	10.99		10.87	10.93	10.93	± 0.37
HT HCT	%	49.5	49.3	48.9	49.3	49.8		47.8	47.9	47.4	± 3.0
	l/l	0.495	0.493	0.489	0.493	0.498		0.478	0.479	0.474	± 0.030
VGM MCV	µm <sup>3</sup> ; fl	90	90	90	90	90		88	87	86	± 5
TGMH MCH	pg	32.4	31.8	31.9	32.5	32.0		32.2	32.0	31.9	± 2.0
	fmol	2.01	1.97	1.98	2.02	1.99		2.00	1.99	1.98	± 0.12
CCMH MCHC	g/dl	36.0	35.3	35.4	36.1	35.6		36.6	36.8	37.1	± 3.0
	g/l	360	353	354	361	356		366	368	371	± 30
	mmol/l	22.33	21.91	21.98	22.41	22.08		22.74	22.84	23.07	± 1.86
IDR RDW	%	12.5	12.5	N/A	12.3	12.5		13.0	14.0	16.6	± 4.0
PLAQ. PLTS	10 <sup>9</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l	546	534	554	562	535		* 550	* 565	550	± 45 *± 55
VPM MPV	µm <sup>3</sup> ; fl	7.6	7.5	N/A	7.8	7.4		8.7	8.8	8.4	± 2.0
LYMPHO	#	3.21	2.96	N/A	2.45	3.15		N/A	N/A	N/A	± 1.00
	%	15.0	14.5	N/A	12.0	15.0		N/A	N/A	N/A	± 5.0
MONO	#	1.18	1.22	N/A	0.82	1.05		N/A	N/A	N/A	± 0.82
	%	5.5	6.0	N/A	4.0	5.0		N/A	N/A	N/A	± 4.0
GRANULO	#	17.01	16.22	N/A	17.14	16.80		N/A	N/A	N/A	± 1.40
	%	79.5	79.5	N/A	84.0	80.0		N/A	N/A	N/A	± 7.0

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