



**HORIBA ABX SAS**

HORIBA ABX SAS  
 Parc Euromédecine  
 Rue du Caducée - BP 7290  
 34184 MONTPELLIER Cedex 4  
 FRANCE  
 Tél.: 33 (0) 4 67 14 15 16  
 Fax.: 33 (0) 4 67 14 15 17



**LOT**

**MX 014 L**

**CONTROL L**



**2014-04-05**  
 (YYYY - MM - DD)

Rev 1

PARAMETRES PARAMETERS	UNITES UNITS	ABX Lyse									TOLERANCES TOLERANCE
		MICROS	MICROS	MICROS	MICROS	MICROS	ARGOS - HELIOS	PENTRA	PENTRA	PENTRA	
		ES60 Care ST	CRP CRP 200	8P	18P	60 8P - 60 18P ADVIA 60		60 60 C+ ES60	80 XL80	120 - 120 RETIC DF120 - DX120	
GB WBC	10 <sup>9</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l	2.1	2.0	2.0	2.0	2.0		2.0	2.0		± 0.4
GR RBC	10 <sup>6</sup> /mm <sup>3</sup> ; 10 <sup>12</sup> /l	2.33	2.32	2.35	2.35	2.34		2.37	2.32		± 0.15
HB HGB	g/dl	6.1	6.0	5.9	6.0	6.0		5.9	5.9		± 0.4
	g/l	61	60	59	60	60		59	59		± 4
	mmol/l	3.79	3.73	3.66	3.73	3.73		3.66	3.66		± 0.25
HT HCT	%	16.3	16.0	16.5	16.5	16.4		16.4	16.5		± 2.0
	l/l	0.163	0.160	0.165	0.165	0.164		0.164	0.165		± 0.020
VGM MCV	µm <sup>3</sup> ; fl	70	69	70	70	70		69	71		± 4
TGMH MCH	pg	26.2	25.9	25.1	25.5	25.6		24.9	25.4		± 2.0
	fmol	1.63	1.61	1.56	1.59	1.59		1.55	1.58		± 0.12
CCMH MCHC	g/dl	37.4	37.5	35.9	36.5	36.6		36.1	35.8		± 3.0
	g/l	374	375	359	365	366		361	358		± 30
	mmol/l	23.23	23.28	22.27	22.65	22.75		22.41	22.24		± 1.86
IDR RDW	%	14.0	13.7	N/A	13.5	13.6		15.5	15.8		± 3.0
PLAQ. PLTS	10 <sup>3</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l	74	74	65	75	75		* 70	* 68		± 20   *± 22
VPM MPV	µm <sup>3</sup> ; fl	8.5	8.3	N/A	8.6	7.7		10.0	10.0		± 2.0
LYMPHO	#	1.33	1.30	N/A	1.00	1.27		N/A	N/A		± 0.40
	%	63.5	65.0	N/A	50.0	63.5		N/A	N/A		± 7.0
MONO	#	0.20	0.20	N/A	0.34	0.20		N/A	N/A		± 0.20
	%	9.5	10.0	N/A	17.0	10.0		N/A	N/A		± 6.0
GRANULO	#	0.57	0.50	N/A	0.66	0.53		N/A	N/A		± 0.40
	%	27.0	25.0	N/A	33.0	26.5		N/A	N/A		± 7.0

\* For ABX Pentra 60 Pentra 80 instruments only

**HORIBA ABX SAS**  
 HORIBA ABX SAS  
 Parc Euromédecine  
 Rue du Caducée - BP 7290  
 34184 MONTPELLIER Cedex 4  
 FRANCE  
 Tél.: 33 (0) 4 67 14 15 16  
 Fax.: 33 (0) 4 67 14 15 17



**LOT** MX 014 N  
 Rev 1

**CONTROL** N

(Exp.)

2014-04-05  
 (YYYY - MM - DD)

PARAMETRES PARAMETERS	UNITES UNITS	ABX Lyse									TOLERANCES TOLERANCE
		MICROS	MICROS	MICROS	MICROS	MICROS	ARGOS - HELIOS	PENTRA	PENTRA	PENTRA	
		ES60 Care ST	CRP CRP 200	8P	18P	60 8P - 60 18P ADVIA 60		60 60 C+ ES60	80 XL80	120 - 120 RETIC DF120 - DX120	
GB WBC	10 <sup>9</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l	7.7	7.6	7.4	7.5	7.5		7.7	7.7		± 0.8
GR RBC	10 <sup>6</sup> /mm <sup>3</sup> ; 10 <sup>12</sup> /l	4.62	4.60	4.63	4.62	4.64		4.65	4.60		± 0.18
HB HGB	g/dl	13.6	13.4	13.4	13.6	13.5		13.5	13.5		± 0.5
	g/l	136	134	134	136	135		135	135		± 5
	mmol/l	8.45	8.32	8.32	8.45	8.38		8.38	8.38		± 0.31
HT HCT	%	37.4	37.3	37.5	37.9	37.6		37.2	37.3		± 2.5
	l/l	0.374	0.373	0.375	0.379	0.376		0.372	0.373		± 0.025
VGM MCV	µm <sup>3</sup> ; fl	81	81	81	82	81		80	81		± 4
TGMH MCH	pg	29.4	29.1	28.9	29.4	29.1		29.0	29.3		± 2.0
	fmol	1.83	1.81	1.80	1.83	1.81		1.80	1.82		± 0.12
CCMH MCHC	g/dl	36.3	36.0	35.7	35.9	35.9		36.3	36.2		± 3.0
	g/l	363	360	357	359	359		363	362		± 30
	mmol/l	22.57	22.33	22.19	22.29	22.31		22.54	22.50		± 1.86
IDR RDW	%	13.5	13.0	N/A	13.5	13.8		13.7	15.0		± 3.0
PLAQ. PLTS	10 <sup>3</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l	244	237	238	248	244		* 240	* 243		± 40   *± 40
VPM MPV	µm <sup>3</sup> ; fl	8.2	7.9	N/A	8.2	7.5		9.1	9.3		± 2.0
LYMPHO	#	2.54	2.48	N/A	1.95	2.44		N/A	N/A		± 0.40
	%	33.0	32.6	N/A	26.0	32.5		N/A	N/A		± 5.0
MONO	#	0.46	0.53	N/A	0.64	0.49		N/A	N/A		± 0.30
	%	6.0	7.0	N/A	8.5	6.5		N/A	N/A		± 4.0
GRANULO	#	4.70	4.59	N/A	4.91	4.58		N/A	N/A		± 0.60
	%	61.0	60.4	N/A	65.5	61.0		N/A	N/A		± 6.0

\* For ABX Pentra 60 Pentra 80 instruments only

Ref: TEMP-0630 Rev.34 FRONT / RECTO 9930064-A



**HORIBA ABX SAS**

HORIBA ABX SAS  
 Parc Euromédecine  
 Rue du Caducée - BP 7290  
 34184 MONTPELLIER Cedex 4  
 FRANCE  
 Tél.: 33 (0) 4 67 14 15 16  
 Fax.: 33 (0) 4 67 14 15 17



**LOT** MX 014 H  
 Rev 1

**CONTROL** H

(Exp.)

2014-04-05  
 (YYYY - MM - DD)

PARAMETRES PARAMETERS	UNITES UNITS	ABX Lyse									TOLERANCES TOLERANCE
		MICROS	MICROS	MICROS	MICROS	MICROS	ARGOS - HELIOS	PENTRA	PENTRA	PENTRA	
		ES60 Care ST	CRP CRP 200	8P	18P	60 8P - 60 18P ADVIA 60		60 60 C+ ES60	80 XL80	120 - 120 RETIC DF120 - DX120	
GB WBC	10 <sup>9</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l	20.6	20.3	19.6	20.1	20.1		21.4	20.9		± 2.0
GR RBC	10 <sup>6</sup> /mm <sup>3</sup> ; 10 <sup>12</sup> /l	5.73	5.66	5.66	5.68	5.73		5.70	5.70		± 0.20
HB HGB	g/dl	18.0	17.7	17.6	18.0	17.9		18.0	17.8		± 0.6
	g/l	180	177	176	180	179		180	178		± 6
	mmol/l	11.18	10.99	10.93	11.18	11.12		11.18	11.05		± 0.37
HT HCT	%	50.4	49.2	49.8	50.6	50.4		49.6	49.0		± 3.0
	l/l	0.504	0.492	0.498	0.506	0.504		0.496	0.490		± 0.030
VGM MCV	µm <sup>3</sup> ; fl	88	87	88	89	88		87	86		± 4
TGMH MCH	pg	31.4	31.3	31.1	31.7	31.2		31.6	31.2		± 2.0
	fmol	1.95	1.94	1.93	1.97	1.94		1.96	1.94		± 0.12
CCMH MCHC	g/dl	35.7	35.9	35.3	35.6	35.5		36.3	36.3		± 3.0
	g/l	357	359	353	356	355		363	363		± 30
	mmol/l	22.17	22.32	21.94	22.11	22.04		22.54	22.55		± 1.86
IDR RDW	%	13.0	12.7	N/A	13.5	13.2		13.0	14.2		± 3.0
PLAQ. PLTS	10 <sup>3</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l	530	520	540	550	530		* 530	* 550		± 45   ± 55
VPM MPV	µm <sup>3</sup> ; fl	8.0	7.7	N/A	8.0	7.4		8.8	8.9		± 2.0
LYMPHO	#	3.09	2.96	N/A	2.41	2.91		N/A	N/A		± 1.00
	%	15.0	14.6	N/A	12.0	14.5		N/A	N/A		± 5.0
MONO	#	1.13	1.22	N/A	0.80	1.11		N/A	N/A		± 0.80
	%	5.5	6.0	N/A	4.0	5.5		N/A	N/A		± 4.0
GRANULO	#	16.38	16.12	N/A	16.88	16.08		N/A	N/A		± 1.40
	%	79.5	79.4	N/A	84.0	80.0		N/A	N/A		± 7.0

\* For ABX Pentra 60 Pentra 80 instruments only