

**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 072 L  
Rev 1

**CONTROL** L

(Exp.) 2012-10-05  
(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>3</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l	2.0	2.0	2.0	1.9	2.0		1.9	1.9	2.1	± 0.4
GR RBC	10 <sup>9</sup> /mm <sup>3</sup> ; 10 <sup>12</sup> /l	2.40	2.42	2.40	2.41	2.42		2.40	2.36	2.43	± 0.15
HB HGB	g/dl	6.2	6.2	6.1	6.1	6.1		6.1	6.1	6.2	± 0.4
	g/l	62	62	61	61	61		61	61	62	± 4
	mmol/l	3.85	3.85	3.79	3.79	3.79		3.79	3.79	3.85	± 0.25
HT HCT	%	17.0	17.2	17.0	17.1	17.2		16.8	17.2	17.3	± 2.0
	l/l	0.170	0.172	0.170	0.171	0.172		0.168	0.172	0.173	± 0.020
VGM MCV	µm <sup>3</sup> ; fl	71	71	71	71	71		70	73	71	± 4
TGMH MCH	pg	25.8	25.6	25.4	25.3	25.2		25.4	25.8	25.5	± 2.0
	f/mol	1.60	1.59	1.58	1.57	1.57		1.58	1.61	1.58	± 0.12
CCMH MCHC	g/dl	36.4	36.1	35.8	35.6	35.5		36.3	35.4	35.9	± 3.0
	g/l	364	361	358	356	355		363	354	359	± 30
	mmol/l	22.60	22.41	22.23	22.14	22.05		22.55	21.99	22.32	± 1.86
IDR RDW	%	13.8	13.5	N/A	13.5	13.3		14.5	15.0	18.5	± 4.0
PLAQ. PLTS	10 <sup>3</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l	75	74	70	70	75		* 73	* 70	72	± 20 *± 22
VPM MPV	µm <sup>3</sup> ; fl	8.5	8.2	N/A	8.1	8.0		9.6	9.6	9.2	± 2.0
LYMPHO	#	1.24	1.3	N/A	1.0	1.3		N/A	N/A	N/A	± 0.40
	%	62.0	64.0	N/A	50.0	62.5		N/A	N/A	N/A	± 9.0
MONO	#	0.24	0.3	N/A	0.3	0.2		N/A	N/A	N/A	± 0.20
	%	12.0	13.0	N/A	15.5	11.5		N/A	N/A	N/A	± 7.0
GRANULO	#	0.52	0.5	N/A	0.7	0.5		N/A	N/A	N/A	± 0.40
	%	26.0	23.0	N/A	34.5	26.0		N/A	N/A	N/A	± 8.0

\* For ABX Pentra 60 Pentra 80 instruments only

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**LOT** MX 072 N  
 Rev 1

**CONTROL** N

(Exp.) 2012-10-05  
 (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>3</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l	7.6	7.4	7.4	7.2	7.4		7.5	7.3	8.0	± 0.8
GR RBC	10 <sup>9</sup> /mm <sup>3</sup> ; 10 <sup>12</sup> /l	4.73	4.70	4.74	4.67	4.74		4.67	4.70	4.74	± 0.18
HB HGB	g/dl	13.7	13.5	13.7	13.6	13.6		13.6	13.7	13.6	± 0.5
	g/l	137	135	137	136	136		136	137	136	± 5
	mmol/l	8.51	8.38	8.51	8.45	8.45		8.45	8.51	8.45	± 0.31
HT HCT	%	38.8	38.1	38.4	37.8	38.4		37.4	38.1	37.9	± 2.5
	l/l	0.388	0.381	0.384	0.378	0.384		0.374	0.381	0.379	± 0.025
VGM MCV	µm <sup>3</sup> ; fl	82	81	81	81	81		80	81	80	± 4
TGMH MCH	pg	29.0	28.7	28.9	29.1	28.7		29.1	29.1	28.7	± 2.0
	fmol	1.80	1.78	1.79	1.81	1.78		1.81	1.81	1.78	± 0.12
CCMH MCHC	g/dl	35.3	35.5	35.7	36.0	35.4		36.4	36.0	35.9	± 3.0
	g/l	353	355	357	360	354		364	360	359	± 30
	mmol/l	21.93	22.02	22.16	22.33	22.00		22.61	22.35	22.27	± 1.86
IDR RDW	%	13.5	13.3	N/A	13.0	13.0		13.5	14.5	17.5	± 4.0
PLAQ. PLTS	10 <sup>3</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l	250	245	250	249	248		* 250	* 254	255	± 40   *± 40
VPM MPV	µm <sup>3</sup> ; fl	7.6	7.7	N/A	7.7	7.5		8.7	8.7	8.5	± 2.0
LYMPHO	#	2.47	2.4	N/A	1.8	2.4		N/A	N/A	N/A	± 0.50
	%	32.5	32.5	N/A	25.5	33.0		N/A	N/A	N/A	± 6.0
MONO	#	0.57	0.6	N/A	0.6	0.5		N/A	N/A	N/A	± 0.40
	%	7.5	7.5	N/A	8.5	7.0		N/A	N/A	N/A	± 5.0
GRANULO	#	4.56	4.4	N/A	4.8	4.4		N/A	N/A	N/A	± 0.60
	%	60.0	60.0	N/A	66.0	60.0		N/A	N/A	N/A	± 7.0

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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>3</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l	20.4	19.9	19.7	19.5	20.3		20.9	20.4	21.8	± 1.6
GR RBC	10 <sup>9</sup> /mm <sup>3</sup> ; 10 <sup>12</sup> /l	5.75	5.70	5.68	5.68	5.72		5.58	5.66	5.72	± 0.20
HB HGB	g/dl	18.1	18.0	18.0	18.1	18.1		18.0	18.0	18.0	± 0.6
	g/l	181	180	180	181	181		180	180	180	± 6
	mmol/l	11.24	11.18	11.18	11.24	11.24		11.18	11.18	11.18	± 0.37
HT HCT	%	51.2	50.7	51.1	51.1	51.5		49.7	49.8	49.8	± 3.0
	l/l	0.512	0.507	0.511	0.511	0.515		0.497	0.498	0.498	± 0.030
VGM MCV	µm <sup>3</sup> ; fl	89	89	90	90	90		89	88	87	± 4
TGMH MCH	pg	31.5	31.6	31.7	31.9	31.6		32.3	31.8	31.5	± 2.0
	fmol	1.95	1.96	1.97	1.98	1.97		2.00	1.97	1.95	± 0.12
CCMH MCHC	g/dl	35.4	35.5	35.2	35.4	35.2		36.2	36.1	36.2	± 3.0
	g/l	354	355	352	354	352		362	361	362	± 30
	mmol/l	21.96	22.03	21.87	21.99	21.83		22.51	22.44	22.46	± 1.86
IDR RDW	%	12.5	12.4	N/A	12.5	12.2		12.5	13.5	16.5	± 4.0
PLAQ. PLTS	10 <sup>3</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l	525	500	528	525	515		* 525	* 540	528	± 45   *± 55
VPM MPV	µm <sup>3</sup> ; fl	7.5	7.3	N/A	7.4	7.3		8.4	8.4	8.1	± 2.0
LYMPHO	#	3.16	3.1	N/A	2.3	3.0		N/A	N/A	N/A	± 1.00
	%	15.5	15.5	N/A	12.0	15.0		N/A	N/A	N/A	± 5.0
MONO	#	1.02	1.1	N/A	0.8	1.0		N/A	N/A	N/A	± 0.80
	%	5.0	5.5	N/A	4.0	5.0		N/A	N/A	N/A	± 4.0
GRANULO	#	16.22	15.7	N/A	16.4	16.2		N/A	N/A	N/A	± 1.40
	%	79.5	79.0	N/A	84.0	80.0		N/A	N/A	N/A	± 7.0

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