



**HORIBA ABX SAS**

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 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 113 L  
 Rev 1

**CONTROL** L

(Exp.)

**2014-02-05**  
 (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	2.0	2.0	2.0	2.0	2.1		2.0	2.1		± 0.4
GR RBC	10 <sup>6</sup> /mm <sup>3</sup> ; 10 <sup>12</sup> /l	2.40	2.39	2.42	2.41	2.38		2.42	2.36		± 0.15
HB HGB	g/dl	6.1	6.1	5.9	6.0	6.0		5.9	5.9		± 0.4
	g/l	61	61	59	60	60		59	59		± 4
	mmol/l	3.79	3.79	3.66	3.73	3.73		3.66	3.66		± 0.25
HT HCT	%	16.3	16.3	16.7	16.9	16.4		16.5	16.8		± 2.0
	l/l	0.163	0.163	0.167	0.169	0.164		0.165	0.168		± 0.020
VGM MCV	µm <sup>3</sup> ; fl	68	68	69	70	69		68	71		± 4
TGMH MCH	pg	25.4	25.5	24.4	24.9	25.2		24.4	25.0		± 2.0
	fmol	1.58	1.58	1.51	1.55	1.57		1.51	1.55		± 0.12
CCMH MCHC	g/dl	37.4	37.5	35.3	35.6	36.5		35.9	35.2		± 3.0
	g/l	374	375	353	356	365		359	352		± 30
	mmol/l	23.21	23.31	21.94	22.09	22.69		22.26	21.87		± 1.86
IDR RDW	%	14.2	13.5	N/A	13.5	13.8		15.0	15.9		± 3.0
PLAQ. PLTS	10 <sup>3</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l	80	78	73	75	80		* 77	* 75		± 20   *± 22
VPM MPV	µm <sup>3</sup> ; fl	8.4	8.5	N/A	8.8	7.8		9.9	10.0		± 2.0
LYMPHO	#	1.26	1.28	N/A	1.00	1.34		N/A	N/A		± 0.40
	%	63.0	64.0	N/A	50.0	64.0		N/A	N/A		± 7.0
MONO	#	0.20	0.20	N/A	0.34	0.21		N/A	N/A		± 0.20
	%	10.0	10.0	N/A	17.0	10.0		N/A	N/A		± 6.0
GRANULO	#	0.54	0.52	N/A	0.66	0.55		N/A	N/A		± 0.40
	%	27.0	26.0	N/A	33.0	26.0		N/A	N/A		± 7.0

\* For ABX Pentra 60 Pentra 80 instruments only



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**LOT** MX 113 N  
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**2014-02-05**  
 (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	7.5	7.5	7.7		7.7	7.8		± 0.8
GR RBC	10 <sup>6</sup> /mm <sup>3</sup> ; 10 <sup>12</sup> /l	4.58	4.56	4.60	4.53	4.58		4.58	4.56		± 0.18
HB HGB	g/dl	13.4	13.3	13.2	13.4	13.4		13.4	13.3		± 0.5
	g/l	134	133	132	134	134		134	133		± 5
	mmol/l	8.32	8.26	8.20	8.32	8.32		8.32	8.26		± 0.31
HT HCT	%	37.1	36.9	37.3	37.1	37.1		36.6	36.5		± 2.5
	l/l	0.371	0.369	0.373	0.371	0.371		0.366	0.365		± 0.025
VGM MCV	µm <sup>3</sup> ; fl	81	81	81	82	81		80	80		± 4
TGMH MCH	pg	29.3	29.2	28.7	29.6	29.3		29.3	29.2		± 2.0
	fmol	1.82	1.81	1.78	1.84	1.82		1.82	1.81		± 0.12
CCMH MCHC	g/dl	36.1	36.0	35.4	36.1	36.1		36.6	36.5		± 3.0
	g/l	361	360	354	361	361		366	365		± 30
	mmol/l	22.43	22.36	22.00	22.40	22.43		22.71	22.64		± 1.86
IDR RDW	%	13.8	13.0	N/A	13.0	13.5		14.0	15.0		± 3.0
PLAQ. PLTS	10 <sup>3</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l	260	252	252	257	255		* 258	* 260		± 40   *± 40
VPM MPV	µm <sup>3</sup> ; fl	7.7	7.5	N/A	7.9	7.2		8.7	8.8		± 2.0
LYMPHO	#	2.54	2.43	N/A	1.95	2.50		N/A	N/A		± 0.40
	%	33.0	32.0	N/A	26.0	32.5		N/A	N/A		± 5.0
MONO	#	0.58	0.61	N/A	0.64	0.58		N/A	N/A		± 0.30
	%	7.5	8.0	N/A	8.5	7.5		N/A	N/A		± 4.0
GRANULO	#	4.58	4.56	N/A	4.91	4.62		N/A	N/A		± 0.60
	%	59.5	60.0	N/A	65.5	60.0		N/A	N/A		± 6.0

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Ref: TEMP-0630 Rev.32 FRONT / RECTO 9930079-B



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**LOT** MX 113 H  
 Rev 1

**CONTROL** H

(Exp.)

**2014-02-05**  
 (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	<b>20.2</b>	<b>20.0</b>	<b>19.7</b>	<b>19.5</b>	<b>20.3</b>		<b>20.8</b>	<b>20.8</b>		± 1.6
GR RBC	10 <sup>6</sup> /mm <sup>3</sup> ; 10 <sup>12</sup> /l	<b>5.68</b>	<b>5.62</b>	<b>5.65</b>	<b>5.60</b>	<b>5.65</b>		<b>5.63</b>	<b>5.64</b>		± 0.20
HB HGB	g/dl	<b>17.9</b>	<b>17.7</b>	<b>17.5</b>	<b>17.9</b>	<b>17.9</b>		<b>17.9</b>	<b>17.7</b>		± 0.6
	g/l	<b>179</b>	<b>177</b>	<b>175</b>	<b>179</b>	<b>179</b>		<b>179</b>	<b>177</b>		± 6
	mmol/l	<b>11.12</b>	<b>10.99</b>	<b>10.87</b>	<b>11.12</b>	<b>11.12</b>		<b>11.12</b>	<b>10.99</b>		± 0.37
HT HCT	%	<b>50.6</b>	<b>50.0</b>	<b>50.3</b>	<b>49.8</b>	<b>50.3</b>		<b>49.5</b>	<b>49.1</b>		± 3.0
	l/l	<b>0.506</b>	<b>0.500</b>	<b>0.503</b>	<b>0.498</b>	<b>0.503</b>		<b>0.495</b>	<b>0.491</b>		± 0.030
VGM MCV	µm <sup>3</sup> ; fl	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>	<b>89</b>		<b>88</b>	<b>87</b>		± 4
TGMH MCH	pg	<b>31.5</b>	<b>31.5</b>	<b>31.0</b>	<b>32.0</b>	<b>31.7</b>		<b>31.8</b>	<b>31.4</b>		± 2.0
	fmol	<b>1.96</b>	<b>1.96</b>	<b>1.92</b>	<b>1.98</b>	<b>1.97</b>		<b>1.97</b>	<b>1.95</b>		± 0.12
CCMH MCHC	g/dl	<b>35.4</b>	<b>35.4</b>	<b>34.8</b>	<b>35.9</b>	<b>35.6</b>		<b>36.1</b>	<b>36.1</b>		± 3.0
	g/l	<b>354</b>	<b>354</b>	<b>348</b>	<b>359</b>	<b>356</b>		<b>361</b>	<b>361</b>		± 30
	mmol/l	<b>21.99</b>	<b>21.98</b>	<b>21.61</b>	<b>22.30</b>	<b>22.11</b>		<b>22.44</b>	<b>22.40</b>		± 1.86
IDR RDW	%	<b>13.3</b>	<b>12.5</b>	N/A	<b>12.6</b>	<b>13.2</b>		<b>13.0</b>	<b>13.9</b>		± 3.0
PLAQ. PLTS	10 <sup>3</sup> /mm <sup>3</sup> ; 10 <sup>9</sup> /l	<b>492</b>	<b>477</b>	<b>500</b>	<b>505</b>	<b>485</b>		<b>* 495</b>	<b>* 515</b>		± 45   ± 55
VPM MPV	µm <sup>3</sup> ; fl	<b>7.7</b>	<b>7.5</b>	N/A	<b>7.8</b>	<b>7.2</b>		<b>8.9</b>	<b>8.8</b>		± 2.0
LYMPHO	#	<b>3.13</b>	<b>3.00</b>	N/A	<b>2.33</b>	<b>3.05</b>		N/A	N/A		± 1.00
	%	<b>15.5</b>	<b>15.0</b>	N/A	<b>12.0</b>	<b>15.0</b>		N/A	N/A		± 5.0
MONO	#	<b>1.11</b>	<b>1.10</b>	N/A	<b>0.80</b>	<b>1.02</b>		N/A	N/A		± 0.80
	%	<b>5.5</b>	<b>5.5</b>	N/A	<b>4.0</b>	<b>5.0</b>		N/A	N/A		± 4.0
GRANULO	#	<b>15.96</b>	<b>15.90</b>	N/A	<b>16.37</b>	<b>16.24</b>		N/A	N/A		± 1.40
	%	<b>79.0</b>	<b>79.5</b>	N/A	<b>84.0</b>	<b>80.0</b>		N/A	N/A		± 7.0

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