

**INTENDED USE**

5DMR is a control designed to monitor values on automated and semi-automated impedance type hematology analyzers. It can also be used for manual methods. Please refer to the assay table for specific instrument models.

**SUMMARY AND PRINCIPLE**

It is an established laboratory practice to use a stable control to monitor the performance of diagnostic tests. This control is composed of stable materials that provide a means of monitoring the performance of hematology blood cell counters. It is sampled in the same manner as a patient specimen.

**REAGENTS**

5DMR is an *in vitro* diagnostic reagent composed of human erythrocytes, simulated leukocytes, and mammalian platelets suspended in a plasma-like fluid with preservatives.

**PRECAUTION**

5DMR is intended for *in vitro* diagnostic use only by trained personnel.

**WARNING:**

**POTENTIAL BIOHAZARDOUS MATERIAL.** For *in vitro* diagnostic use. Each human donor/unit used in the preparation of this product has been tested and yielded non-reactive / negative results for all conditions referenced in 21 CFR 610.40 (a) (b), as required by the FDA. Testing was conducted using FDA-licensed tests. Additional details can be found at:

<http://www.rndheme.com/TechnicalInformation.aspx>.

No test method can offer complete assurance that infectious agents are absent; therefore, this material should be handled as potentially infectious. When handling or disposing of tubes follow precautions for patient specimens as specified in the OSHA Bloodborne Pathogen Rule (29 CFR Part 1910, 1030) or other equivalent biosafety procedures.

**STABILITY AND STORAGE**

Store 5DMR upright at 2 - 8°C (35 - 46°F) when not in use.

**Protect tubes from overheating and freezing.** Unopened tubes are stable through the expiration date. Opened tubes are stable for 14 days, provided they are handled properly.

**INDICATIONS OF DETERIORATION**

After mixing, product should be similar in appearance to fresh whole blood. In unmixed tubes, the supernatant may appear cloudy and reddish; this is normal and does not indicate deterioration. Other discoloration, very dark red supernatant or unacceptable results may indicate deterioration. **Do not use the product if deterioration is suspected.**

**INSTRUCTIONS FOR USE**

1. Remove tubes from the refrigerator and allow to warm to room temperature (15 to 30°C or 59 to 86°F) for 15 minutes before mixing.
2. To mix, hold a tube horizontally between the palms of the hands. **Do not pre-mix on a mechanical mixer.**
  - a) Roll the tube back and forth for 20 - 30 seconds; occasionally invert the tube. Mix vigorously, but do not shake.
  - b) Continue to mix in this manner until the red cells are completely suspended. Tubes stored for a long time may require extra mixing.
  - c) Gently invert the tube 8 - 10 times immediately before sampling.

3. Analyze the sample as instructed in the Quality Control section of the Operator's Manual for your instrument.
4. After sampling:
  - a) If tube has been open for sampling, clean residual material from the cap and tube rim with a lint-free tissue. Replace the cap tightly.
  - b) Return tubes to refrigerator within 30 minutes of use.

**EXPECTED RESULTS**

Verify that the lot number on the tube matches the lot number on the table of assay values. Assay values are determined on well-maintained, properly calibrated instruments using the instrument manufacturer's recommended reagents. Reagent differences, maintenance, operating technique, and calibration may contribute to inter-laboratory variation.

**PERFORMANCE CHARACTERISTICS**

Assigned values are presented as a Mean and Range. The Mean is derived from replicate testing on instruments operated and maintained according to the manufacturer's instructions. The Range is an estimate of variation between laboratories and also takes into account inherent imprecision of the method and expected biological variability of the control material.

Assay values on a new lot of control should be confirmed before the new lot is put into routine use. Test the new lot when the instrument is in good working order and quality control results on the old lot are acceptable. The laboratory's recovered mean should be within the assay range.

For greater control sensitivity each laboratory should establish its own mean and acceptable range and periodically reevaluate the mean. The laboratory range may include values outside of the assay range. The user may establish assay values not listed on the Assay Sheet, if the control is suitable for the method.

**LIMITATIONS**

The performance of this product is assured only if it is properly stored and used as described in this insert. Incomplete mixing of a tube prior to use invalidates both the sample withdrawn and any remaining material in the tube.

**TECHNICAL ASSISTANCE AND CUSTOMER SERVICE**

For technical assistance or additional information, please call your dealer or local distributor. If there is no, you may call EUROCELL Diagnostics Technical Service at 33 (0)2 99 35 19 36.

**QUALITY CONTROL PROGRAM**

For information on the Inter-Laboratory Quality Control Program, please call EUROCELL Diagnostics Technical Service at 33 (0)2 99 35 19 36.

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**EC REP**

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مشتری گرامی با تشکر از حسن انتخاب شما در گزینش خون کنترل R&D Systems . ، لازم به ذکر است این محصول همزمان با ایران در بیش از 120 کشور جهان در حال عرضه میباشد. این شبکه گسترده توزیع سبب افزایش روز افزون صحت پارامترهای ارائه شده توسط این شرکت گردیده است. کلیه محصولات این شرکت با دقت بسیار و پس از طی کلیه مراحل قانونی و دریافت مجوزهای لازم از وزارت بهداشت وارد کشور گردیده و با در نظر گرفتن کلیه استانداردهای لازم به دست شما رسیده است.

در حال حاضر این کمپانی ارائه دهنده محصولات کنترلی چهت کلیه روش‌های دستی و یا فلوسایتومتری میباشد. خون کنترل سدیمان ، کنترل مایعات حیاتی، کیت کنترل صحت دستگاه ، کیتهای سنجش خطی بودن عملکرد دستگاه و دهها محصول دیگر

جهت اطمینان از شرایط حمل و انتشار، نمونه شاهد از کلیه سری های ساخت پیش از توزیع ، همزمان با توزیع و در پایان زمان مصرف در آزمایشگاه مرتبه مورد ارزیابی قرار می گیرد. در صورت برخورد مشکلی در نمونه شاهد پس از هماهنگی با شرکت تولید کننده و در صورت نیاز کالا فراخوان شده و از گردونه توزیع حذف میگردد.

استفاده از خون کنترل مناسب تضمین کننده صحت عملکرد بخش خون شناسی شما میباشد. استفاده از خون کنترلهای تائید نشده علاوه بر وارد آوردن صدمات بسیار به دستگاه خون شناسی سبب ایجاد خطاهای بسیار در نتایج حاصل نیز میگردد. محصولات این کمپانی به عنوان تنها خون کنترل معتبر برای بیشتر دستگاههای خون شناسی معرفی گردیده اند.

لذا با رعایت نکات زیر می توانید از صحت عملکرد خون کنترل و دستگاه خون شناسی خود اطمینان حاصل نمائید.

## R&D Systems

### Haematology Control materials

- پیش از استفاده ، حداقل 15 دقیقه خون کنترل را در دمای محیط 15-30 درجه سانتیگراد قرار دهید.  
<> توجه داشته باشید مناطق گرم‌سیر و سرد سیر ممکن است خارج از محدوده فوق باشد. <>

#### به هیچ عنوان از میکسر مکانیکی استفاده نکنید

جهت مخلوط کردن، ویال را در بین دو کف دست به مدت 20 تا 30 ثانیه به صورت دورانی حرکت دهید. در این مدت هر چند ثانیه یکبار ویال را بصورت وارنه نیز مخلوط کنید.

<> توجه داشته باشید ، مخلوط نمودن شدید سبب تخرب خون کنترل میگردد <>

ویالهایی که به مدت طولانی نگهداری شده اند ممکن است نیاز به مدت زمان بیشتری جهت مخلوط شدن داشته باشند. توجه داشته باشید رنگ خون کنترل پس از مخلوط نمودن مناسب میباشد. در خون کنترل که بصورت مناسب مخلوط نشده باشد، گلولهای رسوب کرده و بصورت قرمز تیره دیده میشوند. این پدیده نرمال بوده و نشاندهنده تخرب خون کنترل نیست.

پیش از آنالیز نمودن خون کنترل توسط دستگاه ، ویال را حداقل 8-10 بار به آرامی و با وارونه نمودن مخلوط نمائید. پس از استفاده ، درب ویال و بخش‌های خارجی آن را بوسیله پارچه بدون پر ز پاک نموده و به یخچال برگردانید.

توجه داشته باشید ویال در هیچ شرایطی نباید بیش از 30 دقیقه خارج از یخچال باشد.

به هیچ عنوان خون کنترل را در دمای انجماد قرار ندهید.

خروج مکرر خون کنترل از یخچال و نگهداری در دمای محیط بیش از 30 دقیقه سبب تخرب خون کنترل میگردد.

ASSAY VALUES AND EXPECTED RANGES  
VALEURS CIBLES ET INTERVALLES DE VARIATIONS

LOT

BC2307B



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2023-09-10

QCP Data Months : July, August  
Mois de Contrôle : Juillet, Août

**Instruments : MINDRAY "QC MODE" (1)**

Instrument	Parameter / Paramètre	CONTROL L		CONTROL N		CONTROL H	
		LOT BC2307BL		LOT BC2307BN		LOT BC2307BH	
		Mean Cibles	± Limites	Mean Cibles	± Limites	Mean Cibles	± Limites
<b>MINDRAY</b>	WBC/GB	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>3,30</b> ± 0,50	<b>7,72</b> ± 1,00		<b>17,32</b> ± 2,50	
	NEUT#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>1,62</b> ± 0,33	<b>4,45</b> ± 0,77		<b>11,22</b> ± 1,73	
	LYMPH#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>1,30</b> ± 0,33	<b>2,31</b> ± 0,77		<b>3,41</b> ± 1,73	
	MONO#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0,17</b> ± 0,17	<b>0,35</b> ± 0,35		<b>0,92</b> ± 0,92	
	EO#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0,18</b> ± 0,18	<b>0,53</b> ± 0,53		<b>1,61</b> ± 1,61	
	BASO#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0,03</b> ± 0,03	<b>0,08</b> ± 0,08		<b>0,16</b> ± 0,16	
	NEUT%	%	<b>49,1</b> ± 10,0	<b>57,6</b> ± 10,0		<b>64,8</b> ± 10,0	
	LYMPH%	%	<b>39,4</b> ± 10,0	<b>29,9</b> ± 10,0		<b>19,7</b> ± 10,0	
	MONO%	%	<b>5,0</b> ± 5,0	<b>4,5</b> ± 4,5		<b>5,3</b> ± 5,3	
	EO%	%	<b>5,6</b> ± 5,6	<b>6,9</b> ± 6,9		<b>9,3</b> ± 9,3	
<b>BC-5500</b> <b>&amp;</b> <b>BC-5200</b>	BASO%	%	<b>0,9</b> ± 0,9	<b>1,1</b> ± 1,1		<b>0,9</b> ± 0,9	
	RBC/GR	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	<b>2,19</b> ± 0,18	<b>3,99</b> ± 0,24		<b>4,77</b> ± 0,30	
	Hgb	g/dL	<b>6,3</b> ± 0,4	<b>13,4</b> ± 0,6		<b>17,3</b> ± 0,8	
		g/L	<b>63</b> ± 4	<b>134</b> ± 6		<b>173</b> ± 8	
		mmol/L	<b>3,9</b> ± 0,2	<b>8,3</b> ± 0,4		<b>10,7</b> ± 0,5	
	Hct	%	<b>16,3</b> ± 1,5	<b>34,8</b> ± 2,0		<b>46,0</b> ± 2,4	
		L/L	<b>0,163</b> ± 0,015	<b>0,348</b> ± 0,020		<b>0,460</b> ± 0,024	
	MCV/VGM	fL	<b>74,4</b> ± 5,0	<b>87,2</b> ± 5,0		<b>96,4</b> ± 5,0	
	MCH/TCMH	pg	<b>28,8</b> ± 2,5	<b>33,6</b> ± 2,5		<b>36,3</b> ± 2,5	
		fmol	<b>1,8</b> ± 0,2	<b>2,1</b> ± 0,2		<b>2,2</b> ± 0,2	
<b>MINDRAY</b>	MCHC/CCMH	g/dL	<b>38,7</b> ± 3,0	<b>38,5</b> ± 3,0		<b>37,6</b> ± 3,0	
		g/L	<b>387</b> ± 30	<b>385</b> ± 30		<b>376</b> ± 30	
		mmol/L	<b>23,9</b> ± 1,9	<b>23,9</b> ± 1,9		<b>23,3</b> ± 1,9	
	RDW/IDR-CV	%	<b>14,5</b> ± 3,0	<b>11,7</b> ± 3,0		<b>10,9</b> ± 3,0	
	RDW/IDR-SD	fL	<b>34,0</b> ± 8,0	<b>33,5</b> ± 8,0		<b>34,6</b> ± 8,0	
	Plt	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>49</b> ± 20	<b>254</b> ± 40		<b>498</b> ± 60	
	MPV/VPM	fL	<b>6,0</b> ± 3,0	<b>8,3</b> ± 3,0		<b>8,9</b> ± 3,0	
	PCT/TCT **	%	<b>0,050</b> ± 0,050	<b>0,211</b> ± 0,100		<b>0,443</b> ± 0,200	
	PCT/TCT **	mL/L	<b>0,50</b> ± 0,50	<b>2,11</b> ± 1,00		<b>4,43</b> ± 2,00	
	PDW/IDP **	fL	<b>16,6</b> ± 3,0	<b>16,7</b> ± 3,0		<b>16,0</b> ± 3,0	

(1) Assay values provided by Bio-techne®, France.

Valeurs fournies par Bio-techne®, France.

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AV05M00-V15 10/2022

**LOT**

BC2307B

**2**



2023-09-10

ASSAY VALUES AND EXPECTED RANGES  
VALEURS CIBLES ET INTERVALLES DE VARIATIONS

QCP Data Months : **July, August**  
Mois de Contrôle : **Juillet, Août**

**Instruments : MINDRAY "QC MODE"**

Instrument	Parameter / Paramètre	CONTROL L		CONTROL N		CONTROL H	
		LOT	BC2307BL	LOT	BC2307BN	LOT	BC2307BH
		Mean Cibles	± Limit Limites	Mean Cibles	± Limit Limites	Mean Cibles	± Limit Limites
<b>MINDRAY</b>	WBC/GB	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>3,08</b> ± 0,50	<b>7,70</b> ± 1,00	<b>17,40</b> ± 2,50		
	NEUT#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>1,65</b> ± 0,28	<b>4,64</b> ± 0,70	<b>11,88</b> ± 1,57		
	LYMPH#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>1,17</b> ± 0,28	<b>2,17</b> ± 0,70	<b>3,17</b> ± 1,40		
	MONO#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0,09</b> ± 0,09	<b>0,27</b> ± 0,27	<b>0,61</b> ± 0,61		
<b>BC-5300</b>	EO#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0,17</b> ± 0,14	<b>0,62</b> ± 0,47	<b>1,74</b> ± 1,40		
	BASO# *	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>1,59</b> ± 0,31	<b>5,14</b> ± 0,77	<b>13,57</b> ± 1,74		
<b>BC-5100</b>	NEUT%	%	<b>53,5</b> ± 9,0	<b>60,3</b> ± 9,0	<b>68,3</b> ± 9,0		
	LYMPH%	%	<b>38,0</b> ± 9,0	<b>28,2</b> ± 9,0	<b>18,2</b> ± 8,0		
<b>BC-5380</b>	MONO%	%	<b>3,0</b> ± 3,0	<b>3,5</b> ± 3,5	<b>3,5</b> ± 3,5		
	EO%	%	<b>5,5</b> ± 4,5	<b>8,0</b> ± 6,0	<b>10,0</b> ± 8,0		
<b>BC-5180</b>	BASO% *	%	<b>51,5</b> ± 10,0	<b>66,8</b> ± 10,0	<b>78,0</b> ± 10,0		
<i>software version lower than 1.24.00.16860</i>	RBC/GR	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	<b>2,14</b> ± 0,18	<b>3,98</b> ± 0,24	<b>4,74</b> ± 0,30		
	Hgb	g/dL	<b>5,5</b> ± 0,4	<b>11,8</b> ± 0,6	<b>15,2</b> ± 0,8		
		g/L	<b>55</b> ± 4	<b>118</b> ± 6	<b>152</b> ± 8		
		mmol/L	<b>3,4</b> ± 0,2	<b>7,3</b> ± 0,4	<b>9,4</b> ± 0,5		
<i>Logiciel version antérieure à 1.24.00.16860</i>	Hct	%	<b>17,9</b> ± 1,5	<b>38,6</b> ± 2,0	<b>50,5</b> ± 2,4		
		L/L	<b>0,179</b> ± 0,015	<b>0,386</b> ± 0,020	<b>0,505</b> ± 0,024		
	MCV/VGM	fL	<b>83,8</b> ± 5,0	<b>97,0</b> ± 5,0	<b>106,5</b> ± 5,0		
	MCH/TCMH	pg	<b>25,7</b> ± 2,5	<b>29,6</b> ± 2,5	<b>32,1</b> ± 2,5		
		fmol	<b>1,6</b> ± 0,2	<b>1,8</b> ± 0,2	<b>2,0</b> ± 0,2		
	MCHC/CCMH	g/dL	<b>30,7</b> ± 3,0	<b>30,6</b> ± 3,0	<b>30,1</b> ± 3,0		
		g/L	<b>307</b> ± 30	<b>306</b> ± 30	<b>301</b> ± 30		
		mmol/L	<b>19,0</b> ± 1,9	<b>18,9</b> ± 1,9	<b>18,6</b> ± 1,9		
	RDW/IDR-CV	%	<b>16,0</b> ± 3,0	<b>14,0</b> ± 3,0	<b>12,8</b> ± 3,0		
	RDW/IDR-SD	fL	<b>59,0</b> ± 8,0	<b>59,5</b> ± 8,0	<b>60,8</b> ± 8,0		
	Plt	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>44</b> ± 20	<b>239</b> ± 40	<b>474</b> ± 60		
	MPV/VPM	fL	<b>7,9</b> ± 3,0	<b>8,4</b> ± 3,0	<b>8,4</b> ± 3,0		
	PCT/TCT **	%	<b>0,036</b> ± 0,036	<b>0,198</b> ± 0,100	<b>0,397</b> ± 0,200		
	PCT/TCT **	mL/L	<b>0,36</b> ± 0,36	<b>1,98</b> ± 1,00	<b>3,97</b> ± 2,00		
	PDW/IDP **	fL	<b>16,1</b> ± 3,0	<b>16,3</b> ± 3,0	<b>15,8</b> ± 3,0		

\*\* For research Use Only. Pour utilisation en recherche seulement.

Note : Occasionally leukocyte cell populations are incorrectly identified. If this occurs, rerun the sample.

Note : De temps en temps, les leucocytes peuvent être incorrectement identifiés. Si cela arrive prélever de nouveau l'échantillon.

**EC REP**

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R&D Systems, Inc. - 614 Mc Kinley Place N.E. - Minneapolis, MN USA 55413 .



**IVD**



AV05M00-V15 10/2022

**LOT**

**BC2307B**

**3**



**2023-09-10**

ASSAY VALUES AND EXPECTED RANGES  
VALEURS CIBLES ET INTERVALLES DE VARIATIONS

QCP Data Months : **July, August**  
Mois de Contrôle : **Juillet, Août**

**Instruments : MINDRAY "QC MODE"**

Instrument	Parameter / Paramètre	CONTROL <b>L</b>		CONTROL <b>N</b>		CONTROL <b>H</b>	
		LOT	BC2307BL	LOT	BC2307BN	LOT	BC2307BH
		Mean Cibles	± Limit Limites	Mean Cibles	± Limit Limites	Mean Cibles	± Limit Limites
<b>MINDRAY</b>	WBC/GB	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>3,03</b> ± 0,50	<b>7,62</b> ± 1,00	<b>16,66</b> ± 2,50		
	NEUT#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>1,63</b> ± 0,28	<b>4,61</b> ± 0,69	<b>11,42</b> ± 1,50		
	LYMPH#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>1,13</b> ± 0,28	<b>2,19</b> ± 0,61	<b>2,93</b> ± 1,34		
	MONO#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0,09</b> ± 0,09	<b>0,21</b> ± 0,21	<b>0,63</b> ± 0,50		
	EO#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0,18</b> ± 0,15	<b>0,61</b> ± 0,46	<b>1,68</b> ± 1,33		
	BASO#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>1,59</b> ± 0,31	<b>5,14</b> ± 0,77	<b>13,23</b> ± 1,67		
<b>BC-5300</b>	NEUT%	%	<b>53,5</b> ± 9,0	<b>60,5</b> ± 9,0	<b>68,5</b> ± 9,0		
<b>BC-5100</b>	LYMPH%	%	<b>37,4</b> ± 9,0	<b>28,7</b> ± 8,0	<b>17,6</b> ± 8,0		
<b>BC-5380</b>	MONO%	%	<b>3,0</b> ± 3,0	<b>2,8</b> ± 2,8	<b>3,8</b> ± 3,0		
<b>BC-5180</b>	EO%	%	<b>6,1</b> ± 5,0	<b>8,0</b> ± 6,0	<b>10,1</b> ± 8,0		
<b>BC-5180</b>	BASO%	%	<b>52,4</b> ± 10,0	<b>67,5</b> ± 10,0	<b>79,4</b> ± 10,0		
<i>software version 1.24.00.16860 or higher</i>	RBC/GR	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	<b>2,16</b> ± 0,18	<b>3,96</b> ± 0,24	<b>4,72</b> ± 0,30		
	Hgb	g/dL	<b>5,5</b> ± 0,4	<b>11,7</b> ± 0,6	<b>15,1</b> ± 0,8		
		g/L	<b>55</b> ± 4	<b>117</b> ± 6	<b>151</b> ± 8		
		mmol/L	<b>3,4</b> ± 0,2	<b>7,3</b> ± 0,4	<b>9,4</b> ± 0,5		
	Hct	%	<b>17,5</b> ± 1,5	<b>37,3</b> ± 2,0	<b>48,8</b> ± 2,4		
		L/L	<b>0,175</b> ± 0,015	<b>0,373</b> ± 0,020	<b>0,488</b> ± 0,024		
<i>Logiciel version 1.24.00.16860 ou supérieure</i>	MCV/VGM	fL	<b>80,9</b> ± 5,0	<b>94,3</b> ± 5,0	<b>103,4</b> ± 5,0		
	MCH/TCMH	pg	<b>25,5</b> ± 2,5	<b>29,5</b> ± 2,5	<b>32,0</b> ± 2,5		
		fmol	<b>1,6</b> ± 0,2	<b>1,8</b> ± 0,2	<b>2,0</b> ± 0,2		
	MCHC/CCMH	g/dL	<b>31,5</b> ± 3,0	<b>31,3</b> ± 3,0	<b>30,9</b> ± 3,0		
		g/L	<b>315</b> ± 30	<b>313</b> ± 30	<b>309</b> ± 30		
		mmol/L	<b>19,4</b> ± 1,8	<b>19,6</b> ± 1,9	<b>19,3</b> ± 1,9		
	RDW/IDR-CV	%	<b>16,6</b> ± 3,0	<b>14,1</b> ± 3,0	<b>13,1</b> ± 3,0		
	RDW/IDR-SD	fL	<b>55,7</b> ± 8,0	<b>56,3</b> ± 8,0	<b>57,4</b> ± 8,0		
	Plt	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>45</b> ± 20	<b>244</b> ± 40	<b>489</b> ± 60		
	MPV/VPM	fL	<b>7,6</b> ± 3,0	<b>8,1</b> ± 3,0	<b>8,2</b> ± 3,0		
	PCT/TCT **	%	<b>0,034</b> ± 0,034	<b>0,198</b> ± 0,100	<b>0,401</b> ± 0,200		
	PCT/TCT **	mL/L	<b>0,34</b> ± 0,34	<b>1,98</b> ± 1,00	<b>4,01</b> ± 2,00		
	PDW/IDP **	fL	<b>16,1</b> ± 3,0	<b>16,2</b> ± 3,0	<b>15,8</b> ± 3,0		

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**LOT**

**BC2307B**

**4**



**2023-09-10**

ASSAY VALUES AND EXPECTED RANGES  
VALEURS CIBLES ET INTERVALLES DE VARIATIONS

QCP Data Months : **July, August**  
Mois de Contrôle : **Juillet, Août**

**Instruments : MINDRAY "QC MODE"**

Instrument	Parameter / Paramètre	CONTROL <b>L</b>		CONTROL <b>N</b>		CONTROL <b>H</b>	
		LOT BC2307BL		LOT BC2307BN		LOT BC2307BH	
		Mean Cibles	± Limit Limites	Mean Cibles	± Limit Limites	Mean Cibles	± Limit Limites
<b>MINDRAY</b>	WBC/GB	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>3,35</b> ± 0,50	<b>7,89</b> ± 1,00	<b>17,84</b> ± 2,50		
	NEUT#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>1,63</b> ± 0,31	<b>4,44</b> ± 0,72	<b>11,49</b> ± 1,61		
	LYMPH#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>1,31</b> ± 0,31	<b>2,28</b> ± 0,64	<b>3,51</b> ± 1,43		
	MONO#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0,23</b> ± 0,17	<b>0,55</b> ± 0,40	<b>1,16</b> ± 0,90		
	EO#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0,15</b> ± 0,10	<b>0,54</b> ± 0,40	<b>1,50</b> ± 1,25		
	BASO#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0,03</b> ± 0,03	<b>0,08</b> ± 0,08	<b>0,18</b> ± 0,18		
	NEUT%	%	<b>48,6</b> ± 9,0	<b>56,2</b> ± 9,0	<b>64,4</b> ± 9,0		
	LYMPH%	%	<b>39,1</b> ± 9,0	<b>28,9</b> ± 8,0	<b>19,7</b> ± 8,0		
	MONO%	%	<b>6,8</b> ± 5,0	<b>7,0</b> ± 5,0	<b>6,5</b> ± 5,0		
	EO%	%	<b>4,5</b> ± 3,0	<b>6,9</b> ± 5,0	<b>8,4</b> ± 7,0		
<b>BC-5800</b> <b>&amp;</b> <b>BC-5600</b>	BASO%	%	<b>1,0</b> ± 1,0	<b>1,0</b> ± 1,0	<b>1,0</b> ± 1,0		
	RBC/GR	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	<b>2,19</b> ± 0,18	<b>4,03</b> ± 0,24	<b>4,82</b> ± 0,30		
	Hgb	g/dL	<b>5,9</b> ± 0,4	<b>12,7</b> ± 0,6	<b>16,3</b> ± 0,8		
		g/L	<b>59</b> ± 4	<b>127</b> ± 6	<b>163</b> ± 8		
		mmol/L	<b>3,7</b> ± 0,3	<b>7,9</b> ± 0,4	<b>10,1</b> ± 0,5		
		Hct	<b>17,9</b> ± 1,5	<b>38,1</b> ± 2,0	<b>50,0</b> ± 2,4		
		L/L	<b>0,179</b> ± 0,015	<b>0,381</b> ± 0,020	<b>0,500</b> ± 0,024		
		MCV/VGM	<b>81,7</b> ± 5,0	<b>94,6</b> ± 5,0	<b>103,7</b> ± 5,0		
	MCH/TCMH	pg	<b>26,9</b> ± 2,5	<b>31,5</b> ± 2,5	<b>33,8</b> ± 2,5		
		fmol	<b>1,7</b> ± 0,2	<b>2,0</b> ± 0,2	<b>2,1</b> ± 0,2		
	MCHC/CCMH	g/dL	<b>33,0</b> ± 3,0	<b>33,3</b> ± 3,0	<b>32,6</b> ± 3,0		
		g/L	<b>330</b> ± 30	<b>333</b> ± 30	<b>326</b> ± 30		
		mmol/L	<b>20,7</b> ± 1,9	<b>20,7</b> ± 1,9	<b>20,2</b> ± 1,9		
		RDW/IDR-CV	<b>16,5</b> ± 3,0	<b>14,0</b> ± 3,0	<b>13,0</b> ± 3,0		
	RDW/IDR-SD	fL	<b>47,7</b> ± 10,0	<b>48,0</b> ± 10,0	<b>49,6</b> ± 10,0		
	Plt	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>49</b> ± 20	<b>255</b> ± 40	<b>506</b> ± 60		
	MPV/VPM	fL	<b>7,0</b> ± 3,0	<b>7,9</b> ± 3,0	<b>8,1</b> ± 3,0		
	PCT/TCT **	%	<b>0,034</b> ± 0,034	<b>0,201</b> ± 0,100	<b>0,410</b> ± 0,200		
	PCT/TCT **	mL/L	<b>0,34</b> ± 0,34	<b>2,01</b> ± 1,00	<b>4,10</b> ± 2,00		
	PDW/IDP **	fL	<b>16,1</b> ± 3,0	<b>16,1</b> ± 3,0	<b>15,6</b> ± 3,0		
	P-LCC	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>8</b> ± 8	<b>51</b> ± 25	<b>105</b> ± 35		
	P-LCR	%	<b>17,2</b> ± 10,0	<b>20,0</b> ± 10,0	<b>20,7</b> ± 10,0		

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**LOT**

BC2307B



**5**

2023-09-10

ASSAY VALUES AND EXPECTED RANGES  
VALEURS CIBLES ET INTERVALLES DE VARIATIONS

QCP Data Months : **July, August**  
Mois de Contrôle : **Juillet, Août**

**Instruments : MINDRAY "QC MODE"**

Instrument	Parameter / Paramètre	CONTROL L		CONTROL N		CONTROL H	
		LOT	BC2307BL	LOT	BC2307BN	LOT	BC2307BH
		Mean Cibles	± Limit Limites	Mean Cibles	± Limit Limites	Mean Cibles	± Limit Limites
<b>MINDRAY</b>	WBC/GB	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>3,30</b> ± 0,50	<b>7,72</b> ± 1,00	<b>17,32</b> ± 2,50		
	NEUT#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>1,62</b> ± 0,40	<b>4,42</b> ± 0,93	<b>11,15</b> ± 2,08		
	LYMPH#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>1,25</b> ± 0,30	<b>2,17</b> ± 0,62	<b>3,07</b> ± 1,22		
	MONO#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0,23</b> ± 0,23	<b>0,51</b> ± 0,51	<b>1,21</b> ± 1,21		
	EO#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0,17</b> ± 0,17	<b>0,53</b> ± 0,53	<b>1,61</b> ± 1,61		
	BASO#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0,03</b> ± 0,03	<b>0,09</b> ± 0,09	<b>0,28</b> ± 0,28		
	NEUT%	%	<b>48,8</b> ± 12,0	<b>57,2</b> ± 12,0	<b>64,4</b> ± 12,0		
<b>BC-5150</b>	LYMPH%	%	<b>37,9</b> ± 9,0	<b>28,1</b> ± 8,0	<b>17,7</b> ± 7,0		
	MONO%	%	<b>7,0</b> ± 7,0	<b>6,6</b> ± 6,6	<b>7,0</b> ± 7,0		
<b>BC-5000</b>	EO%	%	<b>5,3</b> ± 5,3	<b>6,9</b> ± 6,9	<b>9,3</b> ± 9,3		
	BASO%	%	<b>1,0</b> ± 1,0	<b>1,2</b> ± 1,2	<b>1,6</b> ± 1,6		
<b>BC-5000Vet</b>	RBC/GR	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	<b>2,14</b> ± 0,18	<b>3,99</b> ± 0,24	<b>4,82</b> ± 0,30		
	Hgb	g/dL	<b>5,5</b> ± 0,4	<b>11,9</b> ± 0,6	<b>15,5</b> ± 0,8		
<b>BC-5120</b>		g/L	<b>55</b> ± 4	<b>119</b> ± 6	<b>155</b> ± 8		
		mmol/L	<b>3,4</b> ± 0,2	<b>7,4</b> ± 0,4	<b>9,6</b> ± 0,5		
<b>BC-5130</b>	Hct	%	<b>17,1</b> ± 1,5	<b>36,7</b> ± 2,0	<b>48,1</b> ± 2,4		
		L/L	<b>0,171</b> ± 0,015	<b>0,367</b> ± 0,020	<b>0,481</b> ± 0,024		
<b>BC-5140</b>	MCV/VGM	fL	<b>80,1</b> ± 5,0	<b>91,9</b> ± 5,0	<b>99,7</b> ± 5,0		
	MCH/TCMH	pg	<b>25,7</b> ± 2,5	<b>29,8</b> ± 2,5	<b>32,2</b> ± 2,5		
		fmol	<b>1,6</b> ± 0,2	<b>1,9</b> ± 0,2	<b>2,0</b> ± 0,2		
	MCHC/CCMH	g/dL	<b>32,1</b> ± 3,0	<b>32,5</b> ± 3,0	<b>32,3</b> ± 3,0		
		g/L	<b>321</b> ± 30	<b>325</b> ± 30	<b>323</b> ± 30		
		mmol/L	<b>19,9</b> ± 1,9	<b>20,2</b> ± 1,9	<b>20,0</b> ± 1,9		
	RDW/IDR-CV	%	<b>20,3</b> ± 3,0	<b>16,7</b> ± 3,0	<b>15,4</b> ± 3,0		
	RDW/IDR-SD	fL	<b>59,0</b> ± 8,0	<b>56,5</b> ± 8,0	<b>56,6</b> ± 8,0		
	Plt	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>46</b> ± 20	<b>251</b> ± 40	<b>513</b> ± 60		
	MPV/VPM	fL	<b>8,9</b> ± 3,0	<b>9,8</b> ± 3,0	<b>9,9</b> ± 3,0		
	PCT/TCT *	%	<b>0,041</b> ± 0,041	<b>0,246</b> ± 0,100	<b>0,508</b> ± 0,200		
	PCT/TCT *	mL/L	<b>0,41</b> ± 0,41	<b>2,46</b> ± 1,00	<b>5,08</b> ± 2,00		
	PDW/IDP *	fL	<b>15,6</b> ± 3,0	<b>16,2</b> ± 3,0	<b>16,0</b> ± 3,0		
	P-LCC **	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>10</b> ± 10	<b>63</b> ± 25	<b>131</b> ± 35		
	P-LCR **	%	<b>22,2</b> ± 10,0	<b>25,0</b> ± 10,0	<b>25,5</b> ± 10,0		

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\*\* These parameters are not provided on BC5000 & BC-5000Vet analyzers.

Ces paramètres ne sont pas disponibles sur les automates BC-5000 & BC-5000Vet.



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**LOT**

BC2307B



**6**

2023-09-10

ASSAY VALUES AND EXPECTED RANGES  
VALEURS CIBLES ET INTERVALLES DE VARIATIONS

QCP Data Months : **July, August**  
Mois de Contrôle : **Juillet, Août**

**Instruments : MINDRAY "QC MODE"**

Instrument	Parameter / Paramètre	CONTROL L		CONTROL N		CONTROL H	
		LOT	BC2307BL	LOT	BC2307BN	LOT	BC2307BH
		Mean Cibles	± Limit Limites	Mean Cibles	± Limit Limites	Mean Cibles	± Limit Limites
<b>MINDRAY</b>	WBC/GB	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>3,08</b> ± 0,50	<b>7,70</b> ± 1,00	<b>17,40</b> ± 2,50		
	NEUT#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>1,65</b> ± 0,28	<b>4,64</b> ± 0,70	<b>11,88</b> ± 1,57		
	LYMPH#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>1,17</b> ± 0,28	<b>2,17</b> ± 0,70	<b>3,17</b> ± 1,40		
	MONO#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0,09</b> ± 0,09	<b>0,27</b> ± 0,27	<b>0,61</b> ± 0,61		
	EO#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0,17</b> ± 0,14	<b>0,62</b> ± 0,47	<b>1,74</b> ± 1,40		
	NEUT%	%	<b>53,5</b> ± 9,0	<b>60,3</b> ± 9,0	<b>68,3</b> ± 9,0		
	LYMPH%	%	<b>38,0</b> ± 9,0	<b>28,2</b> ± 9,0	<b>18,2</b> ± 8,0		
	MONO%	%	<b>3,0</b> ± 3,0	<b>3,5</b> ± 3,5	<b>3,5</b> ± 3,5		
<b>BC-5300Vet</b> <b>&amp;</b> <b>BC-5100Vet</b>	EO%	%	<b>5,5</b> ± 4,5	<b>8,0</b> ± 6,0	<b>10,0</b> ± 8,0		
	RBC/GR	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	<b>2,14</b> ± 0,18	<b>3,98</b> ± 0,24	<b>4,74</b> ± 0,30		
		g/dL	<b>5,5</b> ± 0,4	<b>11,8</b> ± 0,6	<b>15,2</b> ± 0,8		
	Hgb	g/L	<b>55</b> ± 4	<b>118</b> ± 6	<b>152</b> ± 8		
		mmol/L	<b>3,4</b> ± 0,2	<b>7,3</b> ± 0,4	<b>9,4</b> ± 0,5		
	Hct	%	<b>17,9</b> ± 1,5	<b>38,6</b> ± 2,0	<b>50,5</b> ± 2,4		
		L/L	<b>0,179</b> ± 0,015	<b>0,386</b> ± 0,020	<b>0,505</b> ± 0,024		
	MCV/VGM	fL	<b>83,8</b> ± 5,0	<b>97,0</b> ± 5,0	<b>106,5</b> ± 5,0		
	MCH/TCMH	pg	<b>25,7</b> ± 2,5	<b>29,6</b> ± 2,5	<b>32,1</b> ± 2,5		
		fmol	<b>1,6</b> ± 0,2	<b>1,8</b> ± 0,2	<b>2,0</b> ± 0,2		
	MCHC/CCMH	g/dL	<b>30,7</b> ± 3,0	<b>30,6</b> ± 3,0	<b>30,1</b> ± 3,0		
		g/L	<b>307</b> ± 30	<b>306</b> ± 30	<b>301</b> ± 30		
	RDW/IDR-CV	mmol/L	<b>19,0</b> ± 1,9	<b>18,9</b> ± 1,9	<b>18,6</b> ± 1,9		
		%	<b>16,0</b> ± 3,0	<b>14,0</b> ± 3,0	<b>12,8</b> ± 3,0		
	RDW/IDR-SD	fL	<b>59,0</b> ± 8,0	<b>59,5</b> ± 8,0	<b>60,8</b> ± 8,0		
	Plt	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>44</b> ± 20	<b>239</b> ± 40	<b>474</b> ± 60		
	MPV/VPM	fL	<b>7,9</b> ± 3,0	<b>8,4</b> ± 3,0	<b>8,4</b> ± 3,0		
	PCT/TCT *	%	<b>0,036</b> ± 0,036	<b>0,198</b> ± 0,100	<b>0,397</b> ± 0,200		
	PCT/TCT *	mL/L	<b>0,36</b> ± 0,36	<b>1,98</b> ± 1,00	<b>3,97</b> ± 2,00		
	PDW/IDP *	fL	<b>16,1</b> ± 3,0	<b>16,3</b> ± 3,0	<b>15,8</b> ± 3,0		

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**LOT**

BC2307B



**7**

2023-09-10

ASSAY VALUES AND EXPECTED RANGES  
VALEURS CIBLES ET INTERVALLES DE VARIATIONS

QCP Data Months : **July, August**  
Mois de Contrôle : **Juillet, Août**

**Instruments : MINDRAY "QC MODE"**

Instrument	Parameter / Paramètre	CONTROL <b>L</b>		CONTROL <b>N</b>		CONTROL <b>H</b>	
		LOT	BC2307BL	LOT	BC2307BN	LOT	BC2307BH
		Mean Cibles	± Limit Limites	Mean Cibles	± Limit Limites	Mean Cibles	± Limit Limites
<b>MINDRAY</b>	WBC/GB	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>3,10</b> ± 0,50	<b>7,75</b> ± 1,00	<b>17,15</b> ± 2,50		
	NEUT#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>1,61</b> ± 0,28	<b>4,50</b> ± 0,70	<b>11,40</b> ± 1,55		
	LYMPH#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>1,12</b> ± 0,28	<b>2,09</b> ± 0,70	<b>3,09</b> ± 1,38		
	MONO#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0,20</b> ± 0,16	<b>0,54</b> ± 0,39	<b>1,03</b> ± 0,86		
	EO#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0,17</b> ± 0,13	<b>0,62</b> ± 0,47	<b>1,63</b> ± 1,38		
	BASO#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0,73</b> ± 0,31	<b>2,13</b> ± 0,78	<b>5,23</b> ± 1,72		
	NEUT%	%	<b>52,0</b> ± 9,0	<b>58,0</b> ± 9,0	<b>66,5</b> ± 9,0		
	LYMPH%	%	<b>36,0</b> ± 9,0	<b>27,0</b> ± 9,0	<b>18,0</b> ± 8,0		
	MONO%	%	<b>6,5</b> ± 5,0	<b>7,0</b> ± 5,0	<b>6,0</b> ± 5,0		
	EO%	%	<b>5,5</b> ± 4,0	<b>8,0</b> ± 6,0	<b>9,5</b> ± 8,0		
	BASO%	%	<b>23,5</b> ± 10,0	<b>27,5</b> ± 10,0	<b>30,5</b> ± 10,0		
	RBC/GR	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	<b>2,13</b> ± 0,18	<b>3,98</b> ± 0,24	<b>4,78</b> ± 0,30		
	<b>BC-5390</b>	Hgb	g/dL	<b>5,4</b> ± 0,4	<b>11,7</b> ± 0,6	<b>15,2</b> ± 0,8	
			g/L	<b>54</b> ± 4	<b>117</b> ± 6	<b>152</b> ± 8	
			mmol/L	<b>3,4</b> ± 0,3	<b>7,3</b> ± 0,4	<b>9,4</b> ± 0,5	
		Hct	%	<b>17,3</b> ± 1,5	<b>37,0</b> ± 2,0	<b>48,8</b> ± 2,4	
			L/L	<b>0,173</b> ± 0,015	<b>0,370</b> ± 0,020	<b>0,488</b> ± 0,024	
			fL	<b>81,0</b> ± 5,0	<b>93,0</b> ± 5,0	<b>102,0</b> ± 5,0	
		MCH/TCMH	pg	<b>25,4</b> ± 2,5	<b>29,4</b> ± 2,5	<b>31,8</b> ± 2,5	
			fmol	<b>1,6</b> ± 0,2	<b>1,8</b> ± 0,2	<b>2,0</b> ± 0,2	
			g/dL	<b>31,3</b> ± 3,0	<b>31,6</b> ± 3,0	<b>31,2</b> ± 3,0	
		MCHC/CCMH	g/L	<b>313</b> ± 30	<b>316</b> ± 30	<b>312</b> ± 30	
			mmol/L	<b>19,7</b> ± 1,9	<b>19,7</b> ± 1,9	<b>19,3</b> ± 1,9	
		RDW/IDR-CV	%	<b>16,0</b> ± 3,0	<b>13,5</b> ± 3,0	<b>12,5</b> ± 3,0	
		RDW/IDR-SD	fL	<b>49,0</b> ± 8,0	<b>48,0</b> ± 8,0	<b>49,0</b> ± 8,0	
		Plt	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>48</b> ± 20	<b>248</b> ± 40	<b>496</b> ± 60	
	MPV/VPM	fL		<b>10,1</b> ± 3,0	<b>10,8</b> ± 3,0	<b>10,8</b> ± 3,0	

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35230 - NOYAL CHATILLON / SEICHE - FRANCE



R&D Systems, Inc. - 614 Mc Kinley Place N.E. - Minneapolis, MN USA 55413 .



**IVD**

**CE**

AV05M00-V15 10/2022

**LOT**

BC2307B

**8**



2023-09-10

ASSAY VALUES AND EXPECTED RANGES  
VALEURS CIBLES ET INTERVALLES DE VARIATIONS

QCP Data Months : **July, August**  
Mois de Contrôle : **Juillet, Août**

**Instruments : MINDRAY "QC MODE"**

Instrument	Parameter / Paramètre	CONTROL L		CONTROL N		CONTROL H	
		LOT	BC2307BL	LOT	BC2307BN	LOT	BC2307BH
		Mean Cibles	± Limit Limites	Mean Cibles	± Limit Limites	Mean Cibles	± Limit Limites
<b>MINDRAY</b>	WBC/GB	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>3,11</b> ± 0,50	<b>7,74</b> ± 1,00	<b>17,02</b> ± 2,50		
	NEUT#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>1,61</b> ± 0,28	<b>4,51</b> ± 0,70	<b>11,42</b> ± 1,54		
	LYMPH#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>1,15</b> ± 0,28	<b>2,19</b> ± 0,62	<b>3,01</b> ± 1,36		
	MONO#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0,18</b> ± 0,16	<b>0,46</b> ± 0,39	<b>0,92</b> ± 0,69		
	EO#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0,17</b> ± 0,13	<b>0,58</b> ± 0,47	<b>1,67</b> ± 1,37		
	BASO#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0,73</b> ± 0,31	<b>2,13</b> ± 0,78	<b>5,28</b> ± 1,70		
	NEUT%	%	<b>51,9</b> ± 9,0	<b>58,3</b> ± 9,0	<b>67,1</b> ± 9,0		
	LYMPH%	%	<b>36,9</b> ± 9,0	<b>28,3</b> ± 8,0	<b>17,7</b> ± 8,0		
	MONO%	%	<b>5,8</b> ± 5,0	<b>5,9</b> ± 5,0	<b>5,4</b> ± 4,0		
	EO%	%	<b>5,4</b> ± 4,0	<b>7,5</b> ± 6,0	<b>9,8</b> ± 8,0		
<b>BC-5390 CRP</b> <b>BC-5310 CRP</b>	BASO%	%	<b>23,6</b> ± 10,0	<b>27,5</b> ± 10,0	<b>31,0</b> ± 10,0		
	RBC/GR	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	<b>2,14</b> ± 0,18	<b>3,96</b> ± 0,24	<b>4,77</b> ± 0,30		
	Hgb	g/dL	<b>5,5</b> ± 0,4	<b>11,7</b> ± 0,6	<b>15,2</b> ± 0,8		
		g/L	<b>55</b> ± 4	<b>117</b> ± 6	<b>152</b> ± 8		
	mmol/L		<b>3,4</b> ± 0,2	<b>7,3</b> ± 0,4	<b>9,4</b> ± 0,5		
		Hct	<b>17,0</b> ± 1,5	<b>36,7</b> ± 2,0	<b>48,7</b> ± 2,4		
	L/L		<b>0,170</b> ± 0,015	<b>0,367</b> ± 0,020	<b>0,487</b> ± 0,024		
		MCV/VGM	<b>79,4</b> ± 5,0	<b>92,6</b> ± 5,0	<b>102,0</b> ± 5,0		
	MCH/TCMH	pg	<b>25,7</b> ± 2,5	<b>29,5</b> ± 2,5	<b>31,9</b> ± 2,5		
		fmol	<b>1,6</b> ± 0,2	<b>1,8</b> ± 0,2	<b>2,0</b> ± 0,2		
<b>MINDRAY</b>	MCHC/CCMH	g/dL	<b>32,4</b> ± 3,0	<b>31,9</b> ± 3,0	<b>31,2</b> ± 3,0		
		g/L	<b>324</b> ± 30	<b>319</b> ± 30	<b>312</b> ± 30		
	mmol/L		<b>20,0</b> ± 1,9	<b>19,9</b> ± 1,9	<b>19,3</b> ± 1,9		
		RDW/IDR-CV	<b>16,7</b> ± 3,0	<b>14,2</b> ± 3,0	<b>13,3</b> ± 3,0		
	RDW/IDR-SD	fL	<b>47,0</b> ± 8,0	<b>46,8</b> ± 8,0	<b>48,1</b> ± 8,0		
		Plt	<b>41</b> ± 20	<b>241</b> ± 40	<b>487</b> ± 60		
	MPV/VPM	fL	<b>8,1</b> ± 3,0	<b>8,7</b> ± 3,0	<b>8,7</b> ± 3,0		
		PCT/TCT *	<b>0,033</b> ± 0,033	<b>0,210</b> ± 0,100	<b>0,424</b> ± 0,200		
	PCT/TCT *	mL/L	<b>0,33</b> ± 0,33	<b>2,10</b> ± 1,00	<b>4,24</b> ± 2,00		
		PDW/IDP *	<b>15,9</b> ± 3,0	<b>16,2</b> ± 3,0	<b>15,7</b> ± 3,0		
	P-LCC	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>6</b> ± 6	<b>43</b> ± 25	<b>82</b> ± 35		
	P-LCR	%	<b>15,6</b> ± 10,0	<b>17,9</b> ± 10,0	<b>16,9</b> ± 10,0		

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