

#### **EINLEITUNG**

**Diff-o-trol** ist ein Kontrollblut zur täglichen Überprüfung der Präzision und Genauigkeit von automatischen und halbautomatischen Hämatologie-Analysatoren mit 3-fach-Differenzierung.

#### **ZUSAMMENSETZUNG**

Moderne Hämatologie-Analysatoren liefern umfassende Informationen über Zellkonzentrationen und -volumina. Ein Kontrollblut für derartige Meßgeräte muß geeignete Zellarten beinhalten, um eine Qualitätskontrolle für alle Parameter zu ermöglichen. **Diff-o-trol** stellt ein solches Kontrollblut dar.

#### **PRINZIPIEN**

Die Verwendung von stabilisierten Zellpräparationen zur Kontrolle hämatologischer Geräte ist eine etablierte Methode. Werden diese wie Patientenblut gehandhabt und an einem gut kalibrierten Gerät gemessen, findet man für **Diff-o-trol** Werte innerhalb des Zielbereiches.

#### **BESTANDTEILE**

**Diff-o-trol** beinhaltet stabilisierte humane Erythrozyten, und simulierte Leukozyten und eine Säugetierthrombozytenkomponente in einem konservierenden Medium.

#### **WARNUNG**

1. Nur für in-vitro Diagnosezwecke einsetzen.
2. Das zur Herstellung dieses Produktes verwendete Humanblut zeigte keine Reaktion auf Hepatitis-B-Antigen, Hepatitis-C-Virus (HCV) und HIV bei Verwendung der durch die FDA spezifizierten Tests. Dennoch sollte es wie Humanblut behandelt werden.
3. **Diff-o-trol** -Abfälle sind nach den geltenden örtlichen Bestimmungen zu entsorgen.
4. **Diff-o-trol** ist gebrauchsfertig, es sollte weder verdünnt noch sollten weitere Substanzen hinzugefügt werden.
5. Kontrollblut nicht zur Kalibration verwenden.

#### **LAGERUNG UND STABILITÄT**

**Diff-o-trol** muß aufrecht bei 2° bis 10° C vor und nach Öffnung gelagert werden. **Diff-o-trol** ist bei der angegebenen Lagertemperatur bis zum angegebenen Datum verwendbar. Nach Öffnen der Flasche ist dieses 14 Tage stabil. Nicht verwendetes Material sollte nach 14 Tagen verworfen werden.

#### **GRENZEN**

Eine mikroskopische Differenzierung der Leukozyten kann nicht mit **Diff-o-trol** vorgenommen werden. Die Leukozytenkomponente simuliert Leukozyten in der Größe, jedoch nicht in der Morphologie.

#### **ANWENDUNG**

1. Nehmen Sie ein Fläschchen **Diff-o-trol** aus dem Kühlschrank, und lassen Sie es vor Gebrauch 15 Minuten bei Raumtemperatur (18 – 30° C) stehen.
2. Mischen Sie mehrfach durch vorsichtiges Überkopfschwenken bis der Bodensatz vollständig resuspendiert ist. Nicht schütteln, keinen mechanischen Mixer verwenden.
3. Verfahren Sie entsprechend der Bedienungsanleitung Ihres Meßgerätes zur Analyse des Kontrollmaterials.

4. Wischen Sie die Ränder des Fläschchens und des Schraubverschlusses mit einem fusselfreien Tuch ab, bevor Sie es wieder verschließen. Achten Sie darauf, daß das Fläschchen dicht geschlossen ist.  
Lagern Sie **Diff-o-trol** aufrecht stehend bei 2° - 8° C.

#### **ANGEGEBENE WERTE**

Die auf dem Datenblatt angegebenen Zielwerte von **Diff-o-trol** wurden durch mehrfache Analysen an mit Vollblut kalibrierten Geräten mittels Referenzmethoden bestimmt. Es wurden hierzu Vollblutproben gesunder Patienten in EDTA-Anticoagulant innerhalb 6 Stunden nach Entnahme analysiert. Die aufgeführten Zielbereiche repräsentieren mögliche Abweichungen zwischen Laboratorien, die unterschiedliche Arbeitsweisen und unterschiedliche Gerätekalibrationen aufweisen. Die Zielwerte sind ausschließlich für die Gerätekontrolle und nicht zur Kalibration zu verwenden.

Zur Bestimmung der eigenen Referenzwerte für ein Gerät, welches nicht aufgeführt ist, sollten mindestens 10 vergleichbare Werte eines jeden Levels gefunden werden, um einen Mittelwert zu ermitteln.

#### **HINWEISE AUF FEHLERHAFTES KONTROLLBLUT**

Bei Verwendung von fehlerhaftem oder verfallenen Kontrollblut können die Zielwerte nicht erreicht werden. Farbveränderungen des Kontrollblutes können auf zu hohe oder zu niedrige Temperatur hinweisen. Eine starke Färbung des Überstandes zeigt ein fehlerhaftes Produkt an, eine leichte Färbung ist jedoch normal. Liegen Kontrollwerte ständig außerhalb des Zielbereiches, gehen Sie folgendermaßen vor:

1. Überprüfen Sie, ob das benutzte Gerät einwandfrei arbeitet und die Kontrollmessungen entsprechend der Bedienungsanleitung vorgenommen wurden.
2. Überprüfen Sie das Verfallsdatum, verfallenes **Diff-o-trol** ist nicht verwendbar.
3. Analysieren Sie ein ungeöffnetes Fläschchen **Diff-o-trol**. Liegen die Werte noch immer außerhalb des Zielbereiches, wenden Sie sich an Ihren zuständigen Kundendienst.

#### **GESCHÄFTSBEDINGUNGEN**

Es gelten die allgemeinen Geschäftsbedingungen der **BGT BioGenTechnologies GmbH**, Von-Langen-Weg 10, D-48565 Steinfurt.

#### **BESTELLINFORMATIONEN**

Bitte rufen Sie den Kundendienst der **BGT BioGenTechnologies GmbH** unter 02551/4090 an.

**Aktuelle Wertebblätter zu den Chargen von Diff-o-trol finden Sie im Internet unter**

**[www.wertebblatt.de](http://www.wertebblatt.de)**

**LOT**

Ch.-B.:142

**1**

ASSAY VALUES AND EXPECTED RANGES

 ZIELWERTE UND BEREICHE *RiüBÄK*

 QCP Data Months : **November, December, January**

 QC-Monate : **November, Dezember, Januar**


Verw. bis: 16.02.2012

<b>Instrumente : Beckman-Coulter</b>		<b>Low/Niedrig</b>		<b>Normal</b>		<b>High/Hoch</b>	
<b>Instrument</b>	<b>Parameter / Paramètre</b>	<b>Ch.-B.:1421</b>		<b>Ch.-B.:1422</b>		<b>Ch.-B.:1423</b>	
		Mean Zielwert	Limit Bereich	Mean Zielwert	Limit Bereich	Mean Zielwert	Limit Bereich
<b>COULTER Isoton III JR, JS, JT Series S-Plus II, III, IV, V, VI ST, STKR, STKS* MAXM*, HmX*</b>	WBC/Leuko	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	2.0 ± 0.13	7.7 ± 0.50	20.5 ± 1.33		
	RBC/Ery	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	2.40 ± 0.10	4.72 ± 0.19	5.54 ± 0.22		
	HGB/Hb	g/dL	6.1 ± 0.24	13.7 ± 0.55	18.1 ± 0.72		
		g/L	61 ± 2.44	137 ± 5.48	181 ± 7.24		
		mmol/L	3.8 ± 0.15	8.5 ± 0.34	11.2 ± 0.45		
	HCT	%	18.0 ± 0.90	39.9 ± 2.00	52.4 ± 2.62		
		L/L	0.180 ± 0.01	0.399 ± 0.02	0.524 ± 0.03		
	MCV/VGM	fL	75 ± 4	85 ± 4	95 ± 4		
	MCH/TCMH	pg	25.4 ± 2.4	29.0 ± 2.8	32.7 ± 2.8		
		fmol	1.58 ± 0.15	1.80 ± 0.17	2.02 ± 0.17		
	MCHC/CCMH	g/dL	33.9 ± 3.0	34.3 ± 3.0	34.5 ± 3.0		
		g/L	339 ± 30	343 ± 30	345 ± 30		
	<b>T-Series (1)</b>		mmol/L	21.1 ± 1.9	21.3 ± 1.9	21.4 ± 1.9	
RDW/IDR		%	16.7 ± 3.0	15.9 ± 3.0	15.5 ± 3.0		
PLT/Thrombo		10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	70 ± 9	255 ± 22	500 ± 38		
MPV/VPM		fL	7.4 ± 2.0	7.1 ± 2.0	7.8 ± 2.0		
LY%		%	55.0 ± 8.0	31.0 ± 7.0	15.3 ± 7.0		
MO%		%	12.5 ± 6.0	7.5 ± 6.0	5.7 ± 5.7		
GR%		%	32.5 ± 8.0	61.5 ± 8.0	79.0 ± 8.0		
LY#		10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.1 ± 0.2	2.4 ± 0.5	3.1 ± 1.4		
MO#		10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.3 ± 0.1	0.6 ± 0.5	1.2 ± 1.2		
GR#		10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.7 ± 0.2	4.7 ± 0.6	16.2 ± 1.6		
<b>Instrumente : Manual/Manuelle/Semi-Auto.</b>							
<b>Instrument</b>	<b>Parameter / Paramètre</b>	<b>Low/Niedrig</b>		<b>Normal</b>		<b>High/Hoch</b>	
		<b>Ch.-B.:1421</b>		<b>Ch.-B.:1422</b>		<b>Ch.-B.:1423</b>	
		Mean Zielwert	Limit Bereich	Mean Zielwert	Limit Bereich	Mean Zielwert	Limit Bereich
<b>Manual / Manuelle Semi-Auto.</b>	WBC/Leuko	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	2.0 ± 0.13	7.6 ± 0.49	19.4 ± 1.26		
	RBC/Ery	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	2.36 ± 0.09	4.68 ± 0.19	5.58 ± 0.22		
	HGB/Hb	g/dL	6.2 ± 0.25	14.0 ± 0.56	18.6 ± 0.74		
		g/L	62 ± 2.48	140 ± 5.60	186 ± 7.44		
		mmol/L	3.8 ± 0.15	8.7 ± 0.35	11.5 ± 0.46		
	HCT	%	15.0 ± 0.75	35.0 ± 1.75	46.5 ± 2.33		
		L/L	0.15 ± 0.01	0.35 ± 0.02	0.465 ± 0.02		
	PLT/Thrombo	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	55 ± 7	250 ± 21	515 ± 39		

V2011

**LOT**

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ASSAY VALUES AND EXPECTED RANGES

 ZIELWERTE UND BEREICHE *RiliBÄK*

 QCP Data Months : **November, December, January**

 QC-Monate : **November, Dezember, Januar**


Verw. bis: 16.02.2012

Instrumente : <b>Beckman-Coulter</b>		Low/Niedrig		Normal		High/Hoch	
Instrument	Parameter / Paramètre	Ch.-B.:1421		Ch.-B.:1422		Ch.-B.:1423	
		Mean Zielwert	Limit Bereich	Mean Zielwert	Limit Bereich	Mean Zielwert	Limit Bereich
<b>COULTER</b> <b>A<sup>c</sup>•T 8, A<sup>c</sup>•T 10</b>	WBC/Leuko	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	2.0 ± 0.13	7.8 ± 0.51	20.4 ± 1.33		
	RBC/Ery	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	2.40 ± 0.10	4.72 ± 0.19	5.58 ± 0.22		
	HGB/Hb	g/dL	6.1 ± 0.24	13.7 ± 0.55	18.2 ± 0.73		
		g/L	61 ± 2.44	137 ± 5.48	182 ± 7.28		
		mmol/L	3.8 ± 0.15	8.5 ± 0.34	11.3 ± 0.45		
	HCT	%	18.1 ± 0.91	40.4 ± 2.02	52.7 ± 2.64		
		L/L	0.181 ± 0.01	0.404 ± 0.02	0.527 ± 0.03		
	MCV/VGM	fL	76 ± 4	86 ± 4	95 ± 4		
	MCH/TCMH	pg	25.4 ± 2.4	29.0 ± 2.8	32.6 ± 2.8		
		fmol	1.58 ± 0.16	1.80 ± 0.17	2.02 ± 0.19		
	MCHC/CCMH	g/dL	33.7 ± 3.0	33.9 ± 3.0	34.5 ± 3.0		
		g/L	337 ± 30	339 ± 30	345 ± 30		
		mmol/L	20.9 ± 2.0	21.0 ± 2.0	21.4 ± 2.0		
	PLT/Thrombo	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	70 ± 9	255 ± 22	500 ± 38		
	LY%	%	42.0 ± 6.0	22.5 ± 4.0	9.5 ± 4.0		
LY#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.8 ± 0.2	1.8 ± 0.4	1.9 ± 0.9			
<b>COULTER</b> <b>A<sup>c</sup>•T Diff Serie</b>	WBC/Leuko	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	2.0 ± 0.13	7.8 ± 0.51	20.4 ± 1.33		
	RBC/Ery	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	2.40 ± 0.10	4.72 ± 0.19	5.58 ± 0.22		
	HGB/Hb	g/dL	6.1 ± 0.24	13.7 ± 0.55	18.2 ± 0.73		
		g/L	61 ± 2.44	137 ± 5.48	182 ± 7.28		
		mmol/L	3.8 ± 0.15	8.5 ± 0.34	11.3 ± 0.45		
	HCT	%	18.1 ± 0.91	40.4 ± 2.02	52.7 ± 2.64		
		L/L	0.181 ± 0.01	0.404 ± 0.02	0.527 ± 0.03		
	MCV/VGM	fL	76 ± 4	86 ± 4	95 ± 4		
	MCH/TCMH	pg	25.4 ± 2.4	29.0 ± 2.8	32.6 ± 2.8		
		fmol	1.58 ± 0.16	1.80 ± 0.17	2.02 ± 0.19		
	MCHC/CCMH	g/dL	33.7 ± 3.0	33.9 ± 3.0	34.5 ± 3.0		
		g/L	337 ± 30	339 ± 30	345 ± 30		
		mmol/L	20.9 ± 2.0	21.0 ± 2.0	21.4 ± 2.0		
	RDW/IDR	%	16.9 ± 3.0	16.2 ± 3.0	15.5 ± 3.0		
	PLT/Thrombo	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	70 ± 9	255 ± 22	500 ± 38		
	MPV/VPM	fL	7.6 ± 2.0	7.3 ± 2.0	7.8 ± 2.0		
	LY%	%	55.5 ± 6.0	30.5 ± 5.0	14.0 ± 4.0		
	MO%	%	10.5 ± 6.0	6.0 ± 4.0	5.0 ± 3.0		
	GR%	%	34.0 ± 6.0	63.5 ± 6.0	81.0 ± 5.0		
LY#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.0 ± 0.2	2.4 ± 0.5	2.9 ± 0.9			
MO#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.2 ± 0.2	0.5 ± 0.4	1.0 ± 0.7			
GR#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.7 ± 0.2	5.0 ± 0.5	16.5 ± 1.1			

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**3**

ASSAY VALUES AND EXPECTED RANGES

 ZIELWERTE UND BEREICHE *RiüBÄK*

 QCP Data Months : **November, December, January**

 QC-Monate : **November, Dezember, Januar**


Verw. bis: 16.02.2012

Instrumente : <b>Beckman</b>			Low/Niedrig		Normal		High/Hoch	
Instrument	Parameter / Paramètre		Ch.-B.:1421		Ch.-B.:1422		Ch.-B.:1423	
			Mean Zielwert	Limit Bereich	Mean Zielwert	Limit Bereich	Mean Zielwert	Limit Bereich
<b>BECKMAN COULTER</b> <b>A<sup>C</sup>•T 5 Diff AL</b>	WBC/Leuko	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.9 ± 0.25		7.7 ± 0.50		20.5 ± 1.33	
	RBC/Ery	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	2.38 ± 0.10		4.74 ± 0.19		5.64 ± 0.23	
	HGB/Hb	g/dL	6.0 ± 0.24		13.6 ± 0.54		18.2 ± 0.73	
		g/L	60 ± 2.40		136 ± 5.44		182 ± 7.28	
		mmol/L	3.73 ± 0.15		8.45 ± 0.34		11.30 ± 0.45	
	HCT	%	17.2 ± 0.86		38.1 ± 1.91		49.8 ± 2.49	
		L/L	0.172 ± 0.009		0.381 ± 0.019		0.498 ± 0.025	
	MCV/VGM	fL	72 ± 5		80 ± 5		88 ± 5	
	MCH/TCMH	pg	25.2 ± 2.5		28.7 ± 3.0		32.3 ± 3.0	
		fmol	1.57 ± 0.16		1.78 ± 0.19		2.00 ± 0.19	
	MCHC/CCMH	g/dL	34.9 ± 3.5		35.7 ± 3.5		36.5 ± 3.8	
		g/L	349 ± 35		357 ± 35		365 ± 38	
		mmol/L	21.7 ± 2.2		22.2 ± 2.2		22.7 ± 2.4	
	RDW/IDR	%	14.5 ± 5.5		14.0 ± 5.5		13.0 ± 5.5	
	PLT/Thrombo	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	70 ± 9		255 ± 22		510 ± 38	
	MPV/VPM	fL	9.2 ± 3.0		8.4 ± 3.0		8.6 ± 3.0	
PCT/THT	%	0.064 ± 0.035		0.214 ± 0.065		0.439 ± 0.110		
	mL/L	0.64 ± 0.35		2.14 ± 0.65		4.39 ± 1.10		
	PDW/IDP	%	18.5 ± 10.0		14.0 ± 7.0		12.5 ± 7.0	
<b>BECKMAN COULTER</b> <b>A<sup>C</sup>•T 5 Diff Series</b>	WBC/GB	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.9 ± 0.2		7.7 ± 0.5		20.9 ± 1.4	
	RBC/GR	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	2.44 ± 0.10		4.72 ± 0.19		5.58 ± 0.22	
	Hgb	g/dL	6.1 ± 0.2		13.5 ± 0.5		18.0 ± 0.7	
		g/L	61 ± 2		135 ± 5		180 ± 7	
		mmol/L	3.79 ± 0.15		8.38 ± 0.34		11.18 ± 0.45	
	Hct	%	17.0 ± 0.9		37.9 ± 1.9		49.4 ± 2.5	
		L/L	0.170 ± 0.009		0.379 ± 0.019		0.494 ± 0.025	
	MCV/VGM	fL	70 ± 5		80 ± 5		89 ± 5	
	MCH/TCMH	pg	25.0 ± 2.5		28.6 ± 3.0		32.3 ± 3.0	
		fmol	1.55 ± 0.16		1.78 ± 0.19		2.00 ± 0.19	
	MCHC/CCMH	g/dL	35.9 ± 3.5		35.6 ± 3.5		36.4 ± 3.8	
		g/L	359 ± 35		356 ± 35		364 ± 38	
		mmol/L	22.3 ± 2.2		22.1 ± 2.2		22.6 ± 2.4	
	RDW/IDR	%	15.5 ± 5.5		13.5 ± 5.5		12.5 ± 5.5	
	Plt	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	77 ± 10		255 ± 22		505 ± 38	
	MPV/VPM	fL	9.3 ± 3.0		8.2 ± 3.0		8.3 ± 3.0	
Pct/Tht	%	0.072 ± 0.035		0.209 ± 0.065		0.419 ± 0.110		
	mL/L	0.72 ± 0.35		2.09 ± 0.65		4.19 ± 1.10		
	PDW/IDP	%	18.5 ± 10.0		14.0 ± 7.0		13.0 ± 7.0	

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ASSAY VALUES AND EXPECTED RANGES

 ZIELWERTE UND BEREICHE *RiibÄÄK*

 QCP Data Months : **November, December, January**

 QC-Monate : **November, Dezember, Januar**


Verw. bis: 16.02.2012

Instrumente : <b>MELET SCHLOESING</b>		Low/Niedrig		Normal		High/Hoch	
Instrument	Parameter / ParamÈtre	Ch.-B.:1421		Ch.-B.:1422		Ch.-B.:1423	
		Mean Zielwert	Limit Bereich	Mean Zielwert	Limit Bereich	Mean Zielwert	Limit Bereich
<b>MELET SCHLOESING</b>  <b>MS9 Series</b> <b>MS4V/MS4-4</b>	WBC/Leuko	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.9 ± 0.25	7.4 ± 0.48	19.8 ± 1.29		
	RBC/Ery	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	2.44 ± 0.10	4.80 ± 0.19	5.65 ± 0.23		
	HGB/Hb	g/dL	6.1 ± 0.24	13.5 ± 0.54	17.9 ± 0.72		
		g/L	61 ± 2.44	135 ± 5.40	179 ± 7.16		
		mmol/L	3.79 ± 0.15	8.38 ± 0.34	11.12 ± 0.44		
	HCT	%	17.8 ± 0.89	40.0 ± 2.00	53.4 ± 2.67		
		L/L	0.178 ± 0.009	0.400 ± 0.020	0.534 ± 0.027		
		fL	73.0 ± 4.0	83.0 ± 4.0	95.0 ± 4.0		
		pg	25.0 ± 3.0	28.1 ± 3.2	31.7 ± 3.5		
		fmol	1.55 ± 0.19	1.75 ± 0.20	1.97 ± 0.22		
<i>MS9-5 und MS4-H auf Anfrage</i>	MCH/VGM		73.0 ± 4.0	83.0 ± 4.0	95.0 ± 4.0		
	MCH/TCMH		25.0 ± 3.0	28.1 ± 3.2	31.7 ± 3.5		
		g/dL	34.3 ± 3.0	33.8 ± 3.0	33.5 ± 3.0		
		g/L	343 ± 30	338 ± 30	335 ± 30		
		mmol/L	21.3 ± 1.9	21.0 ± 1.9	20.8 ± 1.9		
	PLT/Thrombo	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	90 ± 12	270 ± 23	500 ± 38		
	MPV/VPM	fL	5.9 ± 3.0	6.6 ± 3.0	8.4 ± 3.0		
	LYM%	%	61.0 ± 31.0	34.0 ± 10.0	15.1 ± 7.5		
	MON%	%	8.5 ± 8.5	5.1 ± 5.1	5.7 ± 5.7		
	GRA/NEU%	%	30.5 ± 10.0	60.9 ± 12.0	79.2 ± 14.0		
	LYM#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.2 ± 0.6	2.5 ± 0.7	3.0 ± 1.5		
	MON#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.2 ± 0.2	0.4 ± 0.4	1.1 ± 1.1		
	GRA#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.6 ± 0.2	4.5 ± 0.9	15.7 ± 2.8		
Instrumente : <b>ABX</b>							
<b>ABX</b>	WBC/Leuko	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.9 ± 0.25	7.7 ± 0.50	20.1 ± 1.31		
	RBC/Ery	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	2.41 ± 0.10	4.73 ± 0.19	5.66 ± 0.23		
<b>MICROS Series*</b>	HGB/Hb	g/dL	6.1 ± 0.24	13.5 ± 0.54	17.8 ± 0.71		
		g/L	61 ± 2.44	135 ± 5.40	178 ± 7.12		
<b>MICROS CRP Series*</b>		mmol/L	3.79 ± 0.15	8.38 ± 0.34	11.05 ± 0.44		
	HCT	%	17.0 ± 0.85	38.3 ± 1.92	51.2 ± 2.56		
<b>MICROS 60</b>		L/L	0.170 ± 0.009	0.383 ± 0.019	0.512 ± 0.026		
	MCV/VGM	fL	70.5 ± 4.0	81.0 ± 4.0	90.5 ± 4.0		
	MCH/TCMH	pg	25.3 ± 2.4	28.5 ± 2.4	31.4 ± 2.8		
		fmol	1.57 ± 0.15	1.77 ± 0.15	1.95 ± 0.17		
	MCHC/CCMH	g/dL	35.9 ± 3.0	35.2 ± 3.0	34.8 ± 3.0		
		g/L	359 ± 30	352 ± 30	348 ± 30		
		mmol/L	22.3 ± 1.9	21.9 ± 1.9	21.6 ± 1.9		
	RDW/IDR	%	14.0 ± 3.0	14.0 ± 3.0	13.5 ± 3.0		
	PLT/Thrombo	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	75 ± 10	250 ± 21	495 ± 37		
	MPV/VPM	fL	8.3 ± 2.0	7.5 ± 2.0	7.6 ± 2.0		
	Pct/Tht	%	0.062 ± 0.040	0.188 ± 0.060	0.376 ± 0.100		
		mL/L	0.62 ± 0.40	1.88 ± 0.60	3.76 ± 1.00		
	PDW/IDP	%	14.5 ± 7.5	14.5 ± 6.5	14.5 ± 6.0		
	LYM%	%	62.0 ± 8.0	32.5 ± 6.0	15.0 ± 6.0		
	MON%	%	12.0 ± 6.0	8.0 ± 5.0	5.0 ± 4.0		
	GRA%	%	26.0 ± 7.0	59.5 ± 7.0	80.0 ± 7.0		
	LYM#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.2 ± 0.2	2.5 ± 0.5	3.0 ± 1.2		
	MON#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.2 ± 0.1	0.6 ± 0.4	1.0 ± 0.8		
	GRA#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.5 ± 0.1	4.6 ± 0.5	16.1 ± 1.4		

**LOT**

Ch.-B.:142

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ASSAY VALUES AND EXPECTED RANGES

 ZIELWERTE UND BEREICHE *RiibÄK*

 QCP Data Months : **November, December, January**

 QC-Monate : **November, Dezember, Januar**


Verw. bis: 16.02.2012

Instrumente : <b>ABX</b>			Low/Niedrig		Normal		High/Hoch	
Instrument	Parameter / Paramètre		Ch.-B.:1421		Ch.-B.:1422		Ch.-B.:1423	
			Mean	Limit	Mean	Limit	Mean	Limit
			Zielwert	Bereich	Zielwert	Bereich	Zielwert	Bereich
<b>ABX</b>	WBC/Leuko	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>1.8</b>	± 0.23	<b>7.6</b>	± 0.49	<b>19.9</b>	± 1.29
<b>Minos STX</b>	RBC/Ery	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	<b>2.41</b>	± 0.10	<b>4.72</b>	± 0.19	<b>5.59</b>	± 0.22
<b>Minos STEL</b>	HGB/Hb	g/dL	<b>6.1</b>	± 0.24	<b>13.6</b>	± 0.54	<b>18.1</b>	± 0.72
<b>Minos STEX</b>		g/L	<b>61</b>	± 2.44	<b>136</b>	± 5.44	<b>181</b>	± 7.24
<b>Minos ST*</b>		mmol/L	<b>3.79</b>	± 0.15	<b>8.45</b>	± 0.34	<b>11.24</b>	± 0.45
<b>Minos STE*</b>	HCT	%	<b>16.7</b>	± 0.84	<b>38.3</b>	± 1.92	<b>49.1</b>	± 2.46
<b>Minos Vet*</b>		L/L	<b>0.167</b>	± 0.008	<b>0.383</b>	± 0.019	<b>0.491</b>	± 0.025
	MCV/VGM	fL	<b>69</b>	± 5	<b>81</b>	± 5	<b>88</b>	± 5
	MCH/TCMH	pg	<b>25.3</b>	± 2.5	<b>28.8</b>	± 3.0	<b>32.4</b>	± 3.5
* Using Minoton LMG and Minolyse LMG.		fmol	<b>1.57</b>	± 0.16	<b>1.79</b>	± 0.19	<b>2.01</b>	± 0.22
	MCHC/CCMH	g/dL	<b>36.5</b>	± 3.5	<b>35.5</b>	± 3.5	<b>36.9</b>	± 3.5
* Avec réactifs Minoton LMG et Minolyse LMG.		g/L	<b>365</b>	± 35	<b>355</b>	± 35	<b>369</b>	± 35
		mmol/L	<b>22.7</b>	± 2.2	<b>22.1</b>	± 2.2	<b>22.9</b>	± 2.2
	RDW/IDR	%	<b>14.0</b>	± 8.0	<b>12.5</b>	± 7.0	<b>12.0</b>	± 6.0
	PLT/Thrombo	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>79</b>	± 11	<b>257</b>	± 22	<b>496</b>	± 37
	MPV/VPM	fL	<b>8.8</b>	± 3.0	<b>7.7</b>	± 3.0	<b>7.8</b>	± 3.0
	LYM%	%	<b>59</b>	± 25	<b>31</b>	± 12	<b>15</b>	± 6
	MON%	%	<b>11</b>	± 11	<b>8</b>	± 8	<b>6</b>	± 6
	GRA%	%	<b>30</b>	± 15	<b>61</b>	± 20	<b>79</b>	± 20
	LYM#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>1.1</b>	± 0.5	<b>2.4</b>	± 0.9	<b>3.0</b>	± 1.2
	MON#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0.2</b>	± 0.2	<b>0.6</b>	± 0.6	<b>1.2</b>	± 1.2
	GRA#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0.5</b>	± 0.3	<b>4.6</b>	± 1.5	<b>15.7</b>	± 4.0
<b>ABX</b>	WBC/Leuko	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>1.8</b>	± 0.23	<b>7.6</b>	± 0.49	<b>19.9</b>	± 1.29
<b>ARGOS</b>	RBC/Ery	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	<b>2.41</b>	± 0.10	<b>4.72</b>	± 0.19	<b>5.59</b>	± 0.22
<b>HELIOS</b>	HGB/Hb	g/dL	<b>6.1</b>	± 0.24	<b>13.6</b>	± 0.54	<b>18.1</b>	± 0.72
		g/L	<b>61</b>	± 2.44	<b>136</b>	± 5.44	<b>181</b>	± 7.24
		mmol/L	<b>3.79</b>	± 0.15	<b>8.45</b>	± 0.34	<b>11.24</b>	± 0.45
	HCT	%	<b>16.7</b>	± 0.84	<b>38.3</b>	± 1.92	<b>49.1</b>	± 2.46
		L/L	<b>0.167</b>	± 0.008	<b>0.383</b>	± 0.019	<b>0.491</b>	± 0.025
	MCV/VGM	fL	<b>69</b>	± 5	<b>81</b>	± 5	<b>88</b>	± 5
	MCH/TCMH	pg	<b>25.3</b>	± 2.5	<b>28.8</b>	± 3.0	<b>32.4</b>	± 3.5
		fmol	<b>1.57</b>	± 0.16	<b>1.79</b>	± 0.19	<b>2.01</b>	± 0.22
	MCHC/CCMH	g/dL	<b>36.5</b>	± 3.5	<b>35.5</b>	± 3.5	<b>36.9</b>	± 3.5
		g/L	<b>365</b>	± 35	<b>355</b>	± 35	<b>369</b>	± 35
		mmol/L	<b>22.7</b>	± 2.2	<b>22.1</b>	± 2.2	<b>22.9</b>	± 2.2
	RDW/IDR	%	<b>14.0</b>	± 8.0	<b>12.5</b>	± 7.0	<b>12.0</b>	± 6.0
	PLT/Thrombo	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>79</b>	± 11	<b>257</b>	± 22	<b>496</b>	± 37
	MPV/VPM	fL	<b>8.8</b>	± 3.0	<b>7.7</b>	± 3.0	<b>7.8</b>	± 3.0
	LYM%	%	<b>59</b>	± 25	<b>31</b>	± 12	<b>15</b>	± 6
	MON%	%	<b>11</b>	± 11	<b>8</b>	± 8	<b>6</b>	± 6
	GRA%	%	<b>30</b>	± 15	<b>61</b>	± 20	<b>79</b>	± 20
	LYM#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>1.1</b>	± 0.5	<b>2.4</b>	± 0.9	<b>3.0</b>	± 1.2
	MON#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0.2</b>	± 0.2	<b>0.6</b>	± 0.6	<b>1.2</b>	± 1.2
	GRA#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0.5</b>	± 0.3	<b>4.6</b>	± 1.5	<b>15.7</b>	± 4.0

**LOT**

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ASSAY VALUES AND EXPECTED RANGES

 ZIELWERTE UND BEREICHE *RiliBÄK*

 QCP Data Months : **November, December, January**

 QC-Monate : **November, Dezember, Januar**


Verw. bis: 16.02.2012

Instrumente : <b>BAYER/SIEMENS</b>			Low/Niedrig		Normal		High/Hoch	
Instrument	Parameter / Paramètre		Ch.-B.:1421		Ch.-B.:1422		Ch.-B.:1423	
			Mean Zielwert	Limit Bereich	Mean Zielwert	Limit Bereich	Mean Zielwert	Limit Bereich
<b>BAYER/SIEMENS</b>	WBC/Leuko	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.9 ± 0.25		7.7 ± 0.50		20.1 ± 1.31	
	RBC/Ery	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	2.41 ± 0.10		4.73 ± 0.19		5.66 ± 0.23	
	HGB/Hb	g/dL	6.1 ± 0.24		13.5 ± 0.54		17.8 ± 0.71	
<b>BAYER/SIEMENS</b>		g/L	61 ± 2.44		135 ± 5.40		178 ± 7.12	
		mmol/L	3.79 ± 0.15		8.38 ± 0.34		11.05 ± 0.44	
	HCT	%	17.0 ± 0.85		38.3 ± 1.92		51.2 ± 2.56	
<b>ADVIA 60</b>		L/L	0.170 ± 0.009		0.383 ± 0.019		0.512 ± 0.026	
	MCV/VGM	fL	70.5 ± 4.0		81.0 ± 4.0		90.5 ± 4.0	
	MCH/TCMH	pg	25.3 ± 2.4		28.5 ± 2.4		31.4 ± 2.8	
		fmol	1.57 ± 0.15		1.77 ± 0.15		1.95 ± 0.17	
	MCHC/CCMH	g/dL	35.9 ± 3.0		35.2 ± 3.0		34.8 ± 3.0	
		g/L	359 ± 30		352 ± 30		348 ± 30	
		mmol/L	22.3 ± 1.9		21.9 ± 1.9		21.6 ± 1.9	
	RDW/IDR	%	14.0 ± 3.0		14.0 ± 3.0		13.5 ± 3.0	
	PLT/Thrombo	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	75 ± 10		250 ± 21		495 ± 37	
	MPV/VPM	fL	8.3 ± 2.0		7.5 ± 2.0		7.6 ± 2.0	
	Pct/Tht	%	0.062 ± 0.040		0.188 ± 0.060		0.376 ± 0.100	
		mL/L	0.62 ± 0.40		1.88 ± 0.60		3.76 ± 1.00	
	PDW/IDP	%	14.5 ± 7.5		14.5 ± 6.5		14.5 ± 6.0	
	LYM%	%	62.0 ± 8.0		32.5 ± 6.0		15.0 ± 6.0	
	MON%	%	12.0 ± 6.0		8.0 ± 5.0		5.0 ± 4.0	
	GRA%	%	26.0 ± 7.0		59.5 ± 7.0		80.0 ± 7.0	
	LYM#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.2 ± 0.2		2.5 ± 0.5		3.0 ± 1.2	
MON#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.2 ± 0.1		0.6 ± 0.4		1.0 ± 0.8		
GRA#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.5 ± 0.1		4.6 ± 0.5		16.1 ± 1.4		
<b>ABX Pentra 60 Series Pentra 60C+ Series</b>	WBC/Leuko	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.9 ± 0.25		7.7 ± 0.50		20.9 ± 1.36	
	RBC/Ery	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	2.44 ± 0.10		4.72 ± 0.19		5.58 ± 0.22	
	HGB/Hb	g/dL	6.1 ± 0.24		13.5 ± 0.54		18.0 ± 0.72	
		g/L	61 ± 2.44		135 ± 5.40		180 ± 7.20	
		mmol/L	3.79 ± 0.15		8.38 ± 0.34		11.18 ± 0.45	
	HCT	%	17.0 ± 0.85		37.9 ± 1.90		49.4 ± 2.47	
		L/L	0.170 ± 0.009		0.379 ± 0.019		0.494 ± 0.025	
	MCV/VGM	fL	70 ± 5		80 ± 5		89 ± 5	
	MCH/TCMH	pg	25.0 ± 2.5		28.6 ± 3.0		32.3 ± 3.0	
		fmol	1.55 ± 0.16		1.78 ± 0.19		2.00 ± 0.19	
	MCHC/CCMH	g/dL	35.9 ± 3.5		35.6 ± 3.5		36.4 ± 3.8	
		g/L	359 ± 35		356 ± 35		364 ± 38	
		mmol/L	22.3 ± 2.2		22.1 ± 2.2		22.6 ± 2.4	
	RDW/IDR	%	15.5 ± 5.5		13.5 ± 5.5		12.5 ± 5.5	
	PLT/Thrombo	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	77 ± 10		255 ± 22		505 ± 38	
	MPV/VPM	fL	9.3 ± 3.0		8.2 ± 3.0		8.3 ± 3.0	
	PCT/THT	%	0.072 ± 0.035		0.209 ± 0.065		0.419 ± 0.110	
	mL/L	0.72 ± 0.35		2.09 ± 0.65		4.19 ± 1.10		
PDW/IDP	%	18.5 ± 10.0		14.0 ± 7.0		13.0 ± 7.0		

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ASSAY VALUES AND EXPECTED RANGES

 ZIELWERTE UND BEREICHE *RiüBÄK*

 QCP Data Months : **November, December, January**

 QC-Monate : **November, Dezember, Januar**


Verw. bis: 16.02.2012

Instrumente : <b>ABX</b>			Low/Niedrig		Normal		High/Hoch	
Instrument	Parameter / Paramètre		Ch.-B.:1421		Ch.-B.:1422		Ch.-B.:1423	
			Mean Zielwert	Limit Bereich	Mean Zielwert	Limit Bereich	Mean Zielwert	Limit Bereich
<b>ABX</b>  <b>Pentra 80 Series</b>        <b>BECKMAN COULTER</b> <b>A<sup>c</sup>T 5 Diff AL</b>	WBC/Leuko	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.9 ± 0.25		7.7 ± 0.50		20.5 ± 1.33	
	RBC/Ery	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	2.38 ± 0.10		4.74 ± 0.19		5.64 ± 0.23	
	HGB/Hb	g/dL	6.0 ± 0.24		13.6 ± 0.54		18.2 ± 0.73	
		g/L	60 ± 2.40		136 ± 5.44		182 ± 7.28	
		mmol/L	3.73 ± 0.15		8.45 ± 0.34		11.30 ± 0.45	
	HCT	%	17.2 ± 0.86		38.1 ± 1.91		49.8 ± 2.49	
		L/L	0.172 ± 0.009		0.381 ± 0.019		0.498 ± 0.025	
	MCV/VGM	fL	72 ± 5		80 ± 5		88 ± 5	
	MCH/TCMH	pg	25.2 ± 2.5		28.7 ± 3.0		32.3 ± 3.0	
		fmol	1.57 ± 0.16		1.78 ± 0.19		2.00 ± 0.19	
	MCHC/CCMH	g/dL	34.9 ± 3.5		35.7 ± 3.5		36.5 ± 3.8	
		g/L	349 ± 35		357 ± 35		365 ± 38	
		mmol/L	21.7 ± 2.2		22.2 ± 2.2		22.7 ± 2.4	
	RDW/IDR	%	14.5 ± 5.5		14.0 ± 5.5		13.0 ± 5.5	
	PLT/Thrombo	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	70 ± 9		255 ± 22		510 ± 38	
MPV/VPM	fL	9.2 ± 3.0		8.4 ± 3.0		8.6 ± 3.0		
PCT/THT	%	0.064 ± 0.035		0.214 ± 0.065		0.439 ± 0.110		
	mL/L	0.64 ± 0.35		2.14 ± 0.65		4.39 ± 1.10		
PDW/IDP	%	18.5 ± 10.0		14.0 ± 7.0		12.5 ± 7.0		
<b>ABX</b>  <b>Pentra 120</b>  <b>Pentra DF 120</b> <b>Pentra DX 120</b>	WBC/Leuko	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.9 ± 0.25		7.9 ± 0.51		21.0 ± 1.37	
	RBC/Ery	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	2.42 ± 0.10		4.74 ± 0.19		5.66 ± 0.23	
	HGB/Hb	g/dL	6.0 ± 0.24		13.6 ± 0.54		17.9 ± 0.72	
		g/L	60 ± 2.40		136 ± 5.44		179 ± 7.16	
		mmol/L	3.73 ± 0.15		8.45 ± 0.34		11.12 ± 0.44	
	HCT	%	17.2 ± 0.86		37.4 ± 1.87		49.2 ± 2.46	
		L/L	0.172 ± 0.009		0.374 ± 0.019		0.492 ± 0.025	
	MCV/VGM	fL	71 ± 5		79 ± 5		87 ± 5	
	MCH/TCMH	pg	24.8 ± 2.5		28.7 ± 3.0		31.6 ± 3.0	
		fmol	1.54 ± 0.16		1.78 ± 0.19		1.96 ± 0.19	
	MCHC/CCMH	g/dL	34.9 ± 3.5		36.4 ± 3.5		36.4 ± 3.8	
		g/L	349 ± 35		364 ± 35		364 ± 38	
		mmol/L	21.7 ± 2.2		22.6 ± 2.2		22.6 ± 2.4	
	RDW/IDR	%	16.0 ± 5.5		15.5 ± 5.5		15.0 ± 5.5	
	PLT/Thrombo	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	75 ± 10		255 ± 22		510 ± 38	
MPV/VPM	fL	9.2 ± 3.0		8.4 ± 3.0		8.6 ± 3.0		
PCT/THT	%	0.069 ± 0.035		0.214 ± 0.065		0.439 ± 0.110		
	mL/L	0.69 ± 0.35		2.14 ± 0.65		4.39 ± 1.10		
PDW/IDP	%	18.0 ± 10.0		14.5 ± 7.0		13.5 ± 7.0		

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ASSAY VALUES AND EXPECTED RANGES

 ZIELWERTE UND BEREICHE *RiibÄK*

 QCP Data Months : **November, December, January**

 QC-Monate : **November, Dezember, Januar**


Verw. bis: 16.02.2012

Instrumente : <b>DANAM (1)</b>			Low/Niedrig		Normal		High/Hoch	
Instrument	Parameter / Paramètre		Ch.-B.:1421		Ch.-B.:1422		Ch.-B.:1423	
			Mean	Limit	Mean	Limit	Mean	Limit
			Zielwert	Bereich	Zielwert	Bereich	Zielwert	Bereich
<b>DANAM</b>  <b>EXCELL 10 / 10V</b> <b>EXCELL 16 / 18</b>	WBC/Leuko	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>2.0</b> ± 0.13		<b>7.8</b> ± 0.51		<b>20.0</b> ± 1.30	
	LYM%	%	<b>55</b> ± 15		<b>32</b> ± 8		<b>17</b> ± 8	
	MON%	%	<b>13</b> ± 6		<b>8</b> ± 4		<b>5</b> ± 5	
	GRA%	%	<b>32</b> ± 10		<b>60</b> ± 7		<b>78</b> ± 8	
	LYM#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>1.1</b> ± 0.3		<b>2.5</b> ± 0.6		<b>3.4</b> ± 1.6	
	MON#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0.3</b> ± 0.1		<b>0.6</b> ± 0.3		<b>1.0</b> ± 1.0	
	GRA#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0.6</b> ± 0.2		<b>4.7</b> ± 0.5		<b>15.6</b> ± 1.6	
	RBC/Ery	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	<b>2.46</b> ± 0.10		<b>4.75</b> ± 0.19		<b>5.65</b> ± 0.23	
	HGB/Hb	g/dL	<b>6.3</b> ± 0.25		<b>13.9</b> ± 0.56		<b>18.5</b> ± 0.74	
		g/L	<b>63</b> ± 2.52		<b>139</b> ± 5.56		<b>185</b> ± 7.40	
		mmol/L	<b>3.91</b> ± 0.16		<b>8.63</b> ± 0.35		<b>11.49</b> ± 0.46	
	HCT	%	<b>18.3</b> ± 0.92		<b>40.3</b> ± 2.02		<b>52.7</b> ± 2.64	
		L/L	<b>0.183</b> ± 0.009		<b>0.403</b> ± 0.020		<b>0.527</b> ± 0.026	
	MCV/VGM	fL	<b>74</b> ± 5		<b>85</b> ± 5		<b>93</b> ± 5	
	MCH/TCMH	pg	<b>25.6</b> ± 2.5		<b>29.3</b> ± 3.0		<b>32.7</b> ± 3.2	
		fmol	<b>1.59</b> ± 0.16		<b>1.82</b> ± 0.19		<b>2.03</b> ± 0.20	
	MCHC/CCMH	g/dL	<b>34.4</b> ± 3.5		<b>34.5</b> ± 3.5		<b>35.1</b> ± 3.5	
		g/L	<b>344</b> ± 35		<b>345</b> ± 35		<b>351</b> ± 35	
		mmol/L	<b>21.4</b> ± 2.2		<b>21.4</b> ± 2.2		<b>21.8</b> ± 2.2	
	RDW/IDR	%	<b>15.5</b> ± 5.0		<b>14.5</b> ± 5.0		<b>14.0</b> ± 5.0	
PLT/Thrombo	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>65</b> ± 9		<b>230</b> ± 20		<b>465</b> ± 35		
MPV/VPM	fL	<b>9.7</b> ± 2.5		<b>7.8</b> ± 2.5		<b>7.9</b> ± 2.5		
<b>DANAM</b>  <b>DATACELL 18</b> <b>DATACELL 18MS</b> <b>Plus</b>	WBC/Leuko	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>2.1</b> ± 0.14		<b>7.9</b> ± 0.51		<b>20.7</b> ± 1.35	
	LYM%	%	<b>55</b> ± 15		<b>30</b> ± 8		<b>16</b> ± 8	
	MON%	%	<b>12</b> ± 6		<b>8</b> ± 4		<b>5</b> ± 5	
	GRA%	%	<b>33</b> ± 10		<b>62</b> ± 7		<b>79</b> ± 8	
	LYM#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>1.2</b> ± 0.3		<b>2.4</b> ± 0.6		<b>3.3</b> ± 1.7	
	MON#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0.3</b> ± 0.2		<b>0.6</b> ± 0.3		<b>1.0</b> ± 1.0	
	GRA#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0.7</b> ± 0.2		<b>4.9</b> ± 0.6		<b>16.4</b> ± 1.7	
	RBC/Ery	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	<b>2.54</b> ± 0.10		<b>4.75</b> ± 0.19		<b>5.55</b> ± 0.22	
	HGB/Hb	g/dL	<b>6.3</b> ± 0.25		<b>14.1</b> ± 0.56		<b>18.3</b> ± 0.73	
		g/L	<b>63</b> ± 2.52		<b>141</b> ± 5.64		<b>183</b> ± 7.32	
		mmol/L	<b>3.91</b> ± 0.16		<b>8.76</b> ± 0.35		<b>11.36</b> ± 0.45	
	HCT	%	<b>18.5</b> ± 0.93		<b>39.6</b> ± 1.98		<b>51.3</b> ± 2.57	
		L/L	<b>0.185</b> ± 0.009		<b>0.396</b> ± 0.020		<b>0.513</b> ± 0.026	
	MCV/VGM	fL	<b>73</b> ± 5		<b>83</b> ± 5		<b>92</b> ± 5	
	MCH/TCMH	pg	<b>24.8</b> ± 2.5		<b>29.7</b> ± 3.0		<b>33.0</b> ± 3.2	
		fmol	<b>1.54</b> ± 0.16		<b>1.84</b> ± 0.19		<b>2.05</b> ± 0.20	
	MCHC/CCMH	g/dL	<b>34.1</b> ± 3.5		<b>35.6</b> ± 3.5		<b>35.7</b> ± 3.5	
		g/L	<b>341</b> ± 35		<b>356</b> ± 35		<b>357</b> ± 35	
		mmol/L	<b>21.1</b> ± 2.2		<b>22.1</b> ± 2.2		<b>22.1</b> ± 2.2	
	RDW/IDR	%	<b>12.0</b> ± 5.0		<b>11.2</b> ± 5.0		<b>10.7</b> ± 5.0	
PLT/Thrombo	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>68</b> ± 9		<b>243</b> ± 21		<b>470</b> ± 35		
MPV/VPM	fL	<b>10.0</b> ± 2.5		<b>7.5</b> ± 2.5		<b>7.5</b> ± 2.5		

**LOT**
**Ch.-B.:142**
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ASSAY VALUES AND EXPECTED RANGES

 ZIELWERTE UND BEREICHE *RiüBÄK*

 QCP Data Months : **November, December, January**

 QC-Monate : **November, Dezember, Januar**

 Verw. bis: **16.02.2012**

Instrumente : <b>MEDONIC</b>								
Instrument	Parameter / Paramètre		Low/Niedrig		Normal		High/Hoch	
			Ch.-B.:1421		Ch.-B.:1422		Ch.-B.:1423	
			Mean Zielwert	Limit Bereich	Mean Zielwert	Limit Bereich	Mean Zielwert	Limit Bereich
<b>MEDONIC</b>  <b>CA 530</b> <b>CA 620</b>	WBC/Leuko	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>2.0</b> ± 0.13		<b>6.5</b> ± 0.42		<b>15.5</b> ± 1.01	
	RBC/Ery	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	<b>2.30</b> ± 0.09		<b>4.63</b> ± 0.19		<b>5.55</b> ± 0.22	
	HGB/Hb	g/dL	<b>5.8</b> ± 0.23		<b>12.8</b> ± 0.51		<b>17.3</b> ± 0.69	
		g/L	<b>58</b> ± 2.32		<b>128</b> ± 5.12		<b>173</b> ± 6.92	
		mmol/L	<b>3.60</b> ± 0.14		<b>7.95</b> ± 0.32		<b>10.74</b> ± 0.43	
	HCT	%	<b>16.3</b> ± 0.82		<b>39.8</b> ± 1.99		<b>51.1</b> ± 2.56	
		L/L	<b>0.163</b> ± 0.01		<b>0.398</b> ± 0.02		<b>0.511</b> ± 0.03	
	MCV/VGM	fL	<b>71</b> ± 5		<b>86</b> ± 5		<b>92</b> ± 5	
	MCH/TCMH	pg	<b>25.2</b> ± 2.5		<b>27.6</b> ± 3.0		<b>31.2</b> ± 3.2	
		fmol	<b>1.57</b> ± 0.16		<b>1.72</b> ± 0.19		<b>1.94</b> ± 0.20	
	MCHC/CCMH	g/dL	<b>35.6</b> ± 4.0		<b>32.2</b> ± 4.0		<b>33.9</b> ± 4.0	
		g/L	<b>356</b> ± 40		<b>322</b> ± 40		<b>339</b> ± 40	
		mmol/L	<b>22.1</b> ± 2.5		<b>20.0</b> ± 2.5		<b>21.0</b> ± 2.5	
	RDW-CV	%	<b>14.5</b> ± 4.0		<b>16.0</b> ± 4.0		<b>13.0</b> ± 4.0	
	PLT/Thrombo	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>62</b> ± 8		<b>265</b> ± 23		<b>465</b> ± 35	
	MPV	fL	<b>6.9</b> ± 3.0		<b>6.6</b> ± 3.0		<b>7.7</b> ± 3.0	
	LYM%	%	<b>59.5</b> ± 18.0		<b>37.0</b> ± 10.0		<b>20.0</b> ± 8.0	
	GRA%	%	<b>24.0</b> ± 13.0		<b>51.5</b> ± 13.0		<b>73.5</b> ± 12.0	
	MID%	%	<b>16.5</b> ± 7.0		<b>11.5</b> ± 5.0		<b>6.5</b> ± 6.5	
	LYM#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>1.2</b> ± 0.4		<b>2.4</b> ± 0.6		<b>3.1</b> ± 1.2	
GRA#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0.5</b> ± 0.3		<b>3.3</b> ± 0.8		<b>11.4</b> ± 1.9		
MID#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0.3</b> ± 0.1		<b>0.7</b> ± 0.3		<b>1.0</b> ± 1.0		
<b>MEDONIC</b>  <b>CA 570</b> <b>CA 600</b> <b>CA 610</b>	WBC/Leuko	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>2.0</b> ± 0.13		<b>6.5</b> ± 0.42		<b>15.5</b> ± 1.01	
	RBC/Ery	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	<b>2.30</b> ± 0.09		<b>4.63</b> ± 0.19		<b>5.55</b> ± 0.22	
	HGB/Hb	g/dL	<b>5.8</b> ± 0.23		<b>12.8</b> ± 0.51		<b>17.3</b> ± 0.69	
		g/L	<b>58</b> ± 2.32		<b>128</b> ± 5.12		<b>173</b> ± 6.92	
		mmol/L	<b>3.60</b> ± 0.14		<b>7.95</b> ± 0.32		<b>10.74</b> ± 0.43	
	HCT	%	<b>16.3</b> ± 0.82		<b>39.8</b> ± 1.99		<b>51.1</b> ± 2.56	
		L/L	<b>0.163</b> ± 0.01		<b>0.398</b> ± 0.02		<b>0.511</b> ± 0.03	
	MCV/VGM	fL	<b>71.0</b> ± 5		<b>86.0</b> ± 5		<b>92.0</b> ± 5	
	MCH/TCMH	pg	<b>25.2</b> ± 2.5		<b>27.6</b> ± 3.0		<b>31.2</b> ± 3.2	
		fmol	<b>1.57</b> ± 0.16		<b>1.72</b> ± 0.19		<b>1.94</b> ± 0.20	
	MCHC/CCMH	g/dL	<b>35.6</b> ± 4.0		<b>32.2</b> ± 4.0		<b>33.9</b> ± 4.0	
		g/L	<b>356</b> ± 40		<b>322</b> ± 40		<b>339</b> ± 40	
		mmol/L	<b>22.1</b> ± 2.5		<b>20.0</b> ± 2.5		<b>21.0</b> ± 2.5	
	RDW-CV	%	<b>14.5</b> ± 4.0		<b>16.0</b> ± 4.0		<b>13.0</b> ± 4.0	
	PLT/Thrombo	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>69</b> ± 9		<b>285</b> ± 24		<b>503</b> ± 38	
	MPV	fL	<b>6.9</b> ± 3.0		<b>6.6</b> ± 3.0		<b>7.7</b> ± 3.0	
	LYM%	%	<b>59.8</b> ± 18.0		<b>37.0</b> ± 10.0		<b>20.0</b> ± 8.0	
	GRA%	%	<b>24.3</b> ± 13.0		<b>51.5</b> ± 13.0		<b>73.5</b> ± 12.0	
	MID%	%	<b>15.9</b> ± 7.0		<b>11.5</b> ± 5.0		<b>6.5</b> ± 6.5	
	LYM#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>1.2</b> ± 0.4		<b>2.4</b> ± 0.6		<b>3.1</b> ± 1.2	
GRA#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0.5</b> ± 0.3		<b>3.3</b> ± 0.8		<b>11.4</b> ± 1.9		
MID#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0.3</b> ± 0.1		<b>0.7</b> ± 0.3		<b>1.0</b> ± 1.0		

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ASSAY VALUES AND EXPECTED RANGES

 ZIELWERTE UND BEREICHE *RiüBÄK*

 QCP Data Months : **November, December, January**

 QC-Monate : **November, Dezember, Januar**


Verw. bis: 16.02.2012

Instrumente : <b>DIATRON</b>			Low/Niedrig		Normal		High/Hoch	
Instrument	Parameter / Paramètre		Ch.-B.:1421		Ch.-B.:1422		Ch.-B.:1423	
			Mean Zielwert	Limit Bereich	Mean Zielwert	Limit Bereich	Mean Zielwert	Limit Bereich
<b>Diatron</b>	WBC/Leuko	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	2.0 ± 0.13		7.5 ± 0.49		18.5 ± 1.20	
	RBC/Ery	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	2.48 ± 0.10		4.85 ± 0.19		5.55 ± 0.22	
<b>Twincell</b>	HGB/Hb	g/dL	6.0 ± 0.24		13.4 ± 0.54		17.5 ± 0.70	
<b>Minicell</b>		g/L	60 ± 2.40		134 ± 5.36		175 ± 7.00	
<b>Abacus</b>		mmol/L	3.73 ± 0.15		8.32 ± 0.33		10.87 ± 0.43	
<b>Arcus</b>	HCT	%	19.6 ± 0.98		42.2 ± 2.11		51.3 ± 2.57	
		L/L	0.196 ± 0.010		0.422 ± 0.021		0.513 ± 0.026	
	MCV/VGM	fL	79 ± 5		87 ± 5		92 ± 5	
	MCH/TCMH	pg	24.2 ± 2.5		27.6 ± 3.0		31.5 ± 3.2	
		fmol	1.50 ± 0.15		1.72 ± 0.19		1.96 ± 0.20	
	MCHC/CCMH	g/dL	30.6 ± 4.0		31.8 ± 4.0		34.1 ± 4.0	
		g/L	306 ± 40		318 ± 40		341 ± 40	
		mmol/L	19.0 ± 2.5		19.7 ± 2.5		21.2 ± 2.5	
	RDW-SD	fl	48.0 ± 8.0		53.5 ± 8.0		50.0 ± 8.0	
	RDW-CV	%	20.0 ± 5.0		17.5 ± 5.0		16.5 ± 5.0	
	PLT/Thrombo	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	73 ± 10		290 ± 25		545 ± 41	
	MPV	fl	7.1 ± 3.0		7.3 ± 3.0		7.8 ± 3.0	
	PCT	%	0.05 ± 0.02		0.21 ± 0.04		0.43 ± 0.05	
	PCT	ml/l	0.5 ± 0.2		2.1 ± 0.4		4.3 ± 0.5	
	PDW-SD	fl	11.0 ± 6.0		10.0 ± 6.0		8.5 ± 6.0	
	PDW-CV	%	36.5 ± 10.0		35.0 ± 10.0		34.0 ± 10.0	
	LYM%	%	52.0 ± 13.0		29.5 ± 8.0		12.5 ± 5.0	
	MON%	%	13.5 ± 7.0		8.5 ± 5.0		8.0 ± 4.5	
	GRA%	%	34.5 ± 10.0		62.0 ± 25.0		79.5 ± 35.0	
	LYM#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.0 ± 0.3		2.2 ± 0.6		2.3 ± 0.9	
	MON#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.3 ± 0.2		0.6 ± 0.4		1.5 ± 0.8	
	GRA#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.7 ± 0.2		4.7 ± 1.9		14.7 ± 6.5	

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ASSAY VALUES AND EXPECTED RANGES

 ZIELWERTE UND BEREICHE *RiüBÄK*

 QCP Data Months : **November, December, January**

 QC-Monate : **November, Dezember, Januar**


Verw. bis: 16.02.2012

Instrumente : <b>Nihon Kohden</b>			Low/Niedrig		Normal		High/Hoch	
Instrument	Parameter / Paramètre		Ch.-B.:1421		Ch.-B.:1422		Ch.-B.:1423	
			Mean	Limit	Mean	Limit	Mean	Limit
			Zielwert	Bereich	Zielwert	Bereich	Zielwert	Bereich
<b>NIHON KOHDEN</b> <b>CELLTAC</b>  <b>MEK-6108</b> <b>MEK-6318</b> <b>MEK-8118</b> <b>MEK-7222</b> <b>MEK-8222</b>  <b>Mit</b> <b>ISOTONAC-3</b> <b>&amp; HEMOLYNAC-3</b> <b>Reagenzien</b>	WBC/Leuko	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	2.0	± 0.13	7.5	± 0.49	19.5	± 1.27
	RBC/Ery	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	2.45	± 0.10	4.75	± 0.19	5.65	± 0.23
	HGB/Hb	g/dL	6.2	± 0.25	13.9	± 0.56	18.5	± 0.74
		g/L	62	± 2.48	139	± 5.56	185	± 7.40
		mmol/L	3.85	± 0.15	8.63	± 0.35	11.49	± 0.46
	HCT	%	19.1	± 0.96	42.3	± 2.12	55.4	± 2.77
		L/L	0.191	± 0.010	0.423	± 0.021	0.554	± 0.028
	MCV/VGM	fL	78	± 5	89	± 5	98	± 5
	MCH/TCMH	pg	25.3	± 2.5	29.3	± 3.2	32.7	± 3.4
		fmol	1.57	± 0.16	1.82	± 0.20	2.03	± 0.21
	MCHC/CCMH	g/dL	32.5	± 3.5	32.9	± 3.5	33.4	± 3.5
		g/L	325	± 35	329	± 35	334	± 35
		mmol/L	20.2	± 2.2	20.4	± 2.2	20.7	± 2.2
	RDW/IDR	%	15.0	± 4.0	14.5	± 4.0	13.5	± 4.0
	PLT/Thrombo	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	65	± 9	255	± 22	535	± 40
	MPV/VPM	fL	5.1	± 2.5	5.3	± 2.5	6.2	± 2.5
	LYM%	%	58.0	± 10.0	33.0	± 10.0	16.0	± 8.0
	MON%	%	7.5	± 7.5	4.5	± 3.5	3.5	± 3.5
	GRA%	%	34.5	± 12.0	62.5	± 11.0	80.5	± 6.0
	LYM#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.2	± 0.2	2.5	± 0.8	3.1	± 1.6
MON#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.2	± 0.2	0.3	± 0.2	0.7	± 0.7	
GRA#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.7	± 0.2	4.7	± 0.8	15.7	± 1.2	
<b>NIHON KOHDEN</b> <b>CELLTAC</b>  <b>MEK-7222</b> <b>CELLTAC-E</b>  <b>MEK-8222</b> <b>CELLTAC-F</b>  <b>Mit</b> <b>ISOTONAC-3</b> <b>&amp; HEMOLYNAC-5</b> <b>Reagenzien</b>	WBC/Leuko	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	2.0	± 0.13	7.5	± 0.49	19.5	± 1.27
	RBC/Ery	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	2.45	± 0.10	4.75	± 0.19	5.65	± 0.23
	HGB/Hb	g/dL	6.2	± 0.25	13.9	± 0.56	18.5	± 0.74
		g/L	62	± 2.48	139	± 5.56	185	± 7.40
		mmol/L	3.85	± 0.15	8.63	± 0.35	11.49	± 0.46
	HCT	%	19.1	± 0.96	42.3	± 2.12	55.4	± 2.77
		L/L	0.191	± 0.010	0.423	± 0.021	0.554	± 0.028
	MCV/VGM	fL	78	± 5	89	± 5	98	± 5
	MCH/TCMH	pg	25.3	± 2.5	29.3	± 3.2	32.7	± 3.4
		fmol	1.57	± 0.16	1.82	± 0.20	2.03	± 0.21
	MCHC/CCMH	g/dL	32.5	± 3.5	32.9	± 3.5	33.4	± 3.5
		g/L	325	± 35	329	± 35	334	± 35
		mmol/L	20.2	± 2.2	20.4	± 2.2	20.7	± 2.2
	RDW/IDR	%	15.0	± 4.0	14.5	± 4.0	13.5	± 4.0
	PLT/Thrombo	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	65	± 9	255	± 22	535	± 40
	MPV/VPM	fL	5.1	± 2.5	5.3	± 2.5	6.2	± 2.5
	LYM% *	%	64.5	± 32.0	40.0	± 30.0	37.5	± 30.0
	MON% *	%	5.0	± 5.0	7.0	± 7.0	7.5	± 7.5
	NEUT% *	%	8.5	± 8.0	13.0	± 10.0	13.5	± 10.0
	EOS% *	%	17.0	± 15.0	32.0	± 22.0	33.0	± 25.0
BAS% *	%	5.0	± 5.0	8.0	± 8.0	8.5	± 8.5	
LYM# *	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.3	± 0.6	3.0	± 2.3	7.3	± 5.8	
MON# *	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.1	± 0.1	0.5	± 0.5	1.5	± 1.5	
NEUT# *	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.2	± 0.2	1.0	± 0.8	2.6	± 1.9	
EOS# *	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.3	± 0.3	2.4	± 1.7	6.4	± 4.8	
BAS# *	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.1	± 0.1	0.6	± 0.6	1.7	± 1.7	

**LOT**

Ch.-B.:142

**12**

ASSAY VALUES AND EXPECTED RANGES

 ZIELWERTE UND BEREICHE *RiüBÄK*

 QCP Data Months : **November, December, January**

 QC-Monate : **November, Dezember, Januar**


Verw. bis: 16.02.2012

<b>Instrumente : Nihon Kohden</b>		<b>Low/Niedrig</b>		<b>Normal</b>		<b>High/Hoch</b>	
<b>Instrument</b>	<b>Parameter / Paramètre</b>	<b>Ch.-B.:1421</b>		<b>Ch.-B.:1422</b>		<b>Ch.-B.:1423</b>	
		Mean Zielwert	Limit Bereich	Mean Zielwert	Limit Bereich	Mean Zielwert	Limit Bereich
<b>NIHON KOHDEN</b>	WBC/Leuko	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>2.0</b> ± 0.13	<b>7.6</b> ± 0.49	<b>20.1</b> ± 1.31		
	<b>CELLTAC</b>	RBC/Ery	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	<b>2.45</b> ± 0.10	<b>4.75</b> ± 0.19	<b>5.65</b> ± 0.23	
<b>MEK-6318</b>	HGB/Hb	g/dL	<b>6.2</b> ± 0.25	<b>14.1</b> ± 0.56	<b>19.0</b> ± 0.76		
	<b>MEK-6400</b>		<b>62</b> ± 2.48	<b>141</b> ± 5.64	<b>190</b> ± 7.60		
<b>MEK-6410</b>		mmol/L	<b>3.85</b> ± 0.15	<b>8.76</b> ± 0.35	<b>11.80</b> ± 0.47		
<b>MEK-6420</b>	HCT	%	<b>19.1</b> ± 0.96	<b>42.3</b> ± 2.12	<b>55.4</b> ± 2.77		
		L/L	<b>0.191</b> ± 0.010	<b>0.423</b> ± 0.021	<b>0.554</b> ± 0.028		
	MCV/VGM	fL	<b>78.0</b> ± 5	<b>89.1</b> ± 5	<b>98.1</b> ± 5		
	MCH/TCMH	pg	<b>25.3</b> ± 2.5	<b>29.7</b> ± 3.2	<b>33.6</b> ± 3.4		
		fmol	<b>1.57</b> ± 0.16	<b>1.84</b> ± 0.20	<b>2.09</b> ± 0.21		
<b>Mit</b>	MCHC/CCMH	g/dL	<b>32.5</b> ± 3.5	<b>33.3</b> ± 3.5	<b>34.3</b> ± 3.5		
	<b>ISOTONAC-3</b>		<b>325</b> ± 35	<b>333</b> ± 35	<b>343</b> ± 35		
<b>&amp; HEMOLYNAC-3N</b>		mmol/L	<b>20.2</b> ± 2.2	<b>20.7</b> ± 2.2	<b>21.3</b> ± 2.2		
	<b>Reagenzien</b>	RDW/IDR	%	<b>15.0</b> ± 4.0	<b>14.5</b> ± 4.0	<b>13.5</b> ± 4.0	
	PLT/Thrombo	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>65</b> ± 9	<b>255</b> ± 22	<b>535</b> ± 40		
	MPV/VPM	fL	<b>5.1</b> ± 2.5	<b>5.3</b> ± 2.5	<b>6.2</b> ± 2.5		
	LYM%	%	<b>58.0</b> ± 10.0	<b>33.0</b> ± 10.0	<b>16.0</b> ± 8.0		
	MON%	%	<b>7.5</b> ± 7.5	<b>4.5</b> ± 3.5	<b>3.5</b> ± 3.5		
	GRA%	%	<b>34.5</b> ± 12.0	<b>62.5</b> ± 11.0	<b>80.5</b> ± 6.0		
	LYM#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>1.2</b> ± 0.2	<b>2.5</b> ± 0.8	<b>3.2</b> ± 1.6		
	MON#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0.2</b> ± 0.2	<b>0.3</b> ± 0.2	<b>0.7</b> ± 0.7		
	GRA#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	<b>0.7</b> ± 0.2	<b>4.8</b> ± 0.8	<b>16.2</b> ± 1.2		

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**LOT**

Ch.-B.:142

**13**

ASSAY VALUES AND EXPECTED RANGES

 ZIELWERTE UND BEREICHE *RiibÄK*

 QCP Data Months : **November, December, January**

 QC-Monate : **November, Dezember, Januar**


Verw. bis: 16.02.2012

Instrumente : <b>Mindray</b>		Low/Niedrig		Normal		High/Hoch	
Instrument	Parameter / Paramètre	Ch.-B.:1421		Ch.-B.:1422		Ch.-B.:1423	
		Mean	Limit	Mean	Limit	Mean	Limit
		Zielwert	Bereich	Zielwert	Bereich	Zielwert	Bereich
<b>MINDRAY</b>  <b>BC-3000 Plus</b> <b>BC-2900</b> <b>BC-1800</b>	WBC/GB	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.9 ± 0.25	7.9 ± 0.51	20.3 ± 1.32		
	LYM%	%	58.0 ± 12.0	30.5 ± 8.0	14.5 ± 7.0		
	MON%	%	10.5 ± 9.0	8.0 ± 7.0	5.5 ± 5.0		
	GRA%	%	31.5 ± 9.0	61.5 ± 8.0	80.0 ± 8.0		
	LYM#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.1 ± 0.3	2.4 ± 0.7	2.9 ± 1.5		
	MON#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.2 ± 0.2	0.6 ± 0.6	1.1 ± 1.0		
	GRA#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.6 ± 0.2	4.9 ± 0.7	16.2 ± 1.7		
	RBC/GR	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	2.50 ± 0.10	4.80 ± 0.19	5.78 ± 0.23		
	Hgb	g/dL	6.1 ± 0.24	13.8 ± 0.55	18.6 ± 0.74		
		g/L	61 ± 2.44	138 ± 5.52	186 ± 7.44		
		mmol/L	3.79 ± 0.15	8.57 ± 0.34	11.55 ± 0.46		
	Hct	%	18.9 ± 0.95	42.0 ± 2.10	56.1 ± 2.81		
		L/L	0.189 ± 0.009	0.420 ± 0.021	0.561 ± 0.028		
	MCV/VGM	fL	75.5 ± 5.0	87.5 ± 5.0	97.0 ± 5.0		
	MCH/TCMH	pg	24.4 ± 2.5	28.8 ± 2.5	32.2 ± 2.5		
		fmol	1.5 ± 0.2	1.8 ± 0.2	2.0 ± 0.2		
	MCHC/CCMH	g/dL	32.3 ± 3.0	32.9 ± 3.0	33.2 ± 3.0		
		g/L	323 ± 30	329 ± 30	332 ± 30		
		mmol/L	20.1 ± 1.9	20.4 ± 1.9	20.6 ± 1.9		
	RDW/IDR	%	15.8 ± 3.0	14.5 ± 3.0	14.0 ± 3.0		
RDW/IDR-SD	fL	39.5 ± 6.0	41.0 ± 6.0	44.5 ± 8.0			
Plt	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	73 ± 10	250 ± 21	500 ± 38			
MPV/VPM	fL	8.6 ± 3.0	8.1 ± 3.0	8.3 ± 3.0			
Pct/Tht	%	0.06 ± 0.05	0.20 ± 0.10	0.42 ± 0.20			
	mL/L	0.60 ± 0.50	2.00 ± 1.00	4.20 ± 2.00			
PDW/IDP	%	16.2 ± 3.0	15.7 ± 3.0	15.6 ± 3.0			
<b>MINDRAY (1)</b>  <b>BC-2800</b>  <b>BC-2600</b>	WBC/GB	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.8 ± 0.23	8.1 ± 0.53	21.5 ± 1.40		
	LYM%	%	59.0 ± 11.0	30.0 ± 8.0	13.5 ± 8.0		
	MON%	%	10.0 ± 7.0	7.5 ± 7.0	5.5 ± 5.0		
	GRA%	%	31.0 ± 8.0	62.5 ± 9.0	81.0 ± 9.0		
	LYM#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.1 ± 0.3	2.4 ± 0.7	2.9 ± 1.8		
	MON#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.2 ± 0.2	0.6 ± 0.6	1.2 ± 1.1		
	GRA#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.6 ± 0.2	5.1 ± 0.8	17.4 ± 2.0		
	RBC/GR	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	2.33 ± 0.09	4.64 ± 0.19	5.59 ± 0.22		
	Hgb	g/dL	6.0 ± 0.24	13.8 ± 0.55	18.6 ± 0.74		
		g/L	60 ± 2.40	138 ± 5.52	186 ± 7.44		
		mmol/L	3.73 ± 0.15	8.57 ± 0.34	11.55 ± 0.46		
	Hct	%	17.7 ± 0.89	39.9 ± 2.00	53.1 ± 2.66		
		L/L	0.177 ± 0.009	0.399 ± 0.020	0.531 ± 0.027		
	MCV/VGM	fL	76.0 ± 5.0	86.0 ± 5.0	95.0 ± 5.0		
	MCH/TCMH	pg	25.8 ± 2.5	29.7 ± 2.5	33.3 ± 2.5		
		fmol	1.6 ± 0.2	1.9 ± 0.2	2.1 ± 0.2		
	MCHC/CCMH	g/dL	33.9 ± 3.0	34.6 ± 3.0	35.0 ± 3.0		
		g/L	339 ± 30	346 ± 30	350 ± 30		
		mmol/L	21.1 ± 1.9	21.5 ± 1.9	21.8 ± 1.9		
	RDW/IDR	%	14.5 ± 3.0	14.0 ± 3.0	14.0 ± 3.0		
RDW/IDR-SD	fL	37.0 ± 6.0	41.5 ± 6.0	45.0 ± 8.0			
Plt	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	60 ± 8	240 ± 20	530 ± 40			
MPV/VPM	fL	8.8 ± 3.0	8.8 ± 3.0	8.8 ± 3.0			
Pct/Tht	%	0.05 ± 0.05	0.21 ± 0.10	0.46 ± 0.20			
	mL/L	0.50 ± 0.50	2.10 ± 1.00	4.60 ± 2.00			
PDW/IDP	%	15.7 ± 3.0	16.1 ± 3.0	16.0 ± 3.0			

 Software version lower than 2.0  
 (Version antérieure à 2.0)

**LOT**

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**14**

ASSAY VALUES AND EXPECTED RANGES

 ZIELWERTE UND BEREICHE *RiüBÄK*

 QCP Data Months : **November, December, January**

 QC-Monate : **November, Dezember, Januar**


Verw. bis: 16.02.2012

<b>Instrumente : Mindray</b>		<b>Low/Niedrig</b>		<b>Normal</b>		<b>High/Hoch</b>	
<b>Instrument</b>	<b>Parameter / Paramètre</b>	<b>Ch.-B.:1421</b>		<b>Ch.-B.:1422</b>		<b>Ch.-B.:1423</b>	
		Mean Zielwert	Limit Bereich	Mean Zielwert	Limit Bereich	Mean Zielwert	Limit Bereich
<b>MINDRAY (2)</b>	WBC/GB	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.9 ± 0.25	7.8 ± 0.51	20.6 ± 1.34		
	LYM%	%	62.5 ± 10.0	32.0 ± 8.0	14.5 ± 7.0		
	MON%	%	8.0 ± 7.0	6.5 ± 5.0	4.5 ± 4.5		
	GRA%	%	29.5 ± 9.0	61.5 ± 9.0	81.0 ± 8.0		
	LYM#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.2 ± 0.3	2.5 ± 0.7	3.0 ± 1.5		
	MON#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.2 ± 0.2	0.5 ± 0.4	0.9 ± 0.9		
	GRA#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.6 ± 0.2	4.8 ± 0.8	16.7 ± 1.7		
	RBC/GR	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	2.40 ± 0.10	4.67 ± 0.19	5.64 ± 0.23		
	<b>BC-2800</b>	Hgb	g/dL	6.2 ± 0.25	13.9 ± 0.56	19.0 ± 0.76	
			g/L	62 ± 2.48	139 ± 5.56	190 ± 7.60	
			mmol/L	3.85 ± 0.15	8.63 ± 0.35	11.80 ± 0.47	
	<b>BC-2600</b>	Hct	%	18.0 ± 0.90	40.2 ± 2.01	53.6 ± 2.68	
			L/L	0.180 ± 0.009	0.402 ± 0.020	0.536 ± 0.027	
	(Software version 2.0 or higher) Version supérieure ou égale à 2.0	MCV/VGM	fL	75.0 ± 5.0	86.0 ± 5.0	95.0 ± 5.0	
MCH/TCMH		pg	25.8 ± 2.5	29.8 ± 2.5	33.7 ± 2.5		
		fmol	1.6 ± 0.2	1.9 ± 0.2	2.1 ± 0.2		
MCHC/CCMH		g/dL	34.4 ± 3.0	34.6 ± 3.0	35.5 ± 3.0		
		g/L	344.0 ± 30.0	346.0 ± 30.0	355.0 ± 30.0		
		mmol/L	21.4 ± 1.9	21.5 ± 1.9	22.0 ± 1.9		
RDW/IDR		%	16.2 ± 3.0	15.5 ± 3.0	15.0 ± 3.0		
RDW/IDR-SD		fL	41.0 ± 6.0	42.5 ± 6.0	47.0 ± 8.0		
Plt		10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	68 ± 9	246 ± 21	488 ± 37		
MPV/VPM		fL	9.4 ± 3.0	9.3 ± 3.0	9.3 ± 3.0		
Pct/Tht		%	0.06 ± 0.05	0.22 ± 0.10	0.45 ± 0.20		
		mL/L	0.60 ± 0.50	2.20 ± 1.00	4.50 ± 2.00		
	%	15.0 ± 3.0	14.9 ± 3.0	14.7 ± 3.0			
<b>MINDRAY</b>  <b>BC-3200</b> <b>BC-3000 CT</b>	WBC/GB	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	2.0 ± 0.13	8.1 ± 0.53	20.9 ± 1.36		
	LYM%	%	58.5 ± 12.0	28.0 ± 8.0	12.5 ± 6.0		
	MON%	%	9.0 ± 8.0	8.5 ± 6.0	6.0 ± 5.0		
	GRA%	%	32.5 ± 9.0	63.5 ± 8.0	81.5 ± 8.0		
	LYM#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.2 ± 0.3	2.3 ± 0.7	2.6 ± 1.3		
	MON#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.2 ± 0.2	0.7 ± 0.5	1.3 ± 1.1		
	GRA#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.7 ± 0.2	5.1 ± 0.7	17.0 ± 1.7		
	RBC/GR	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	2.48 ± 0.10	4.82 ± 0.19	5.79 ± 0.23		
	Hgb	g/dL	6.2 ± 0.25	13.9 ± 0.56	18.6 ± 0.74		
		g/L	62 ± 2.48	139 ± 5.56	186 ± 7.44		
		mmol/L	3.85 ± 0.15	8.63 ± 0.35	11.55 ± 0.46		
	Hct	%	18.8 ± 0.94	41.7 ± 2.09	55.6 ± 2.78		
		L/L	0.188 ± 0.009	0.417 ± 0.021	0.556 ± 0.028		
	MCV/VGM	fL	76.0 ± 5.0	86.5 ± 5.0	96.0 ± 5.0		
	MCH/TCMH	pg	25.0 ± 2.5	28.8 ± 2.5	32.1 ± 2.5		
		fmol	1.6 ± 0.2	1.8 ± 0.2	2.0 ± 0.2		
	MCHC/CCMH	g/dL	32.9 ± 3.0	33.3 ± 3.0	33.5 ± 3.0		
		g/L	329 ± 30	333 ± 30	335 ± 30		
		mmol/L	20.5 ± 1.9	20.7 ± 1.9	20.8 ± 1.9		
	RDW/IDR	%	14.0 ± 3.0	13.7 ± 3.0	13.2 ± 3.0		
	RDW/IDR-SD	fL	36.0 ± 6.0	39.0 ± 6.0	41.0 ± 8.0		
Plt	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	76 ± 10	248 ± 21	490 ± 37			
MPV/VPM	fL	8.3 ± 3.0	8.0 ± 3.0	7.8 ± 3.0			
Pct/Tht	%	0.060 ± 0.050	0.200 ± 0.100	0.380 ± 0.200			
	mL/L	0.60 ± 0.50	2.00 ± 1.00	3.80 ± 2.00			

**LOT**

Ch.-B.:142

**15**

ASSAY VALUES AND EXPECTED RANGES

 ZIELWERTE UND BEREICHE *RiüBÄK*

 QCP Data Months : **November, December, January**

 QC-Monate : **November, Dezember, Januar**


Verw. bis: 16.02.2012

Instruments : <b>MINDRAY</b>			Low/Niedrig		Normal		High/Hoch	
Instrument	Parameter / Paramètre		Ch.-B.:1421		Ch.-B.:1422		Ch.-B.:1423	
			Mean Zielwert	Limit Bereich	Mean Zielwert	Limit Bereich	Mean Zielwert	Limit Bereich
<b>MINDRAY</b>  <b>BC-2800 VET</b> <b>BC-2600 VET</b> (Software version lower than 2.0) (Version antérieure à 2.0)	WBC/GB	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.8 ± 0.2		8.1 ± 0.5		21.5 ± 1.4	
	RBC/GR	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	2.33 ± 0.09		4.64 ± 0.19		5.59 ± 0.22	
	Hgb	g/dL	6.0 ± 0.2		13.8 ± 0.6		18.6 ± 0.7	
		g/L	60 ± 2.40		138 ± 5.52		186 ± 7.44	
		mmol/L	3.73 ± 0.15		8.57 ± 0.34		11.55 ± 0.46	
	Hct	%	17.7 ± 0.9		39.9 ± 2.0		53.1 ± 2.7	
		L/L	0.177 ± 0.009		0.399 ± 0.020		0.531 ± 0.027	
	MCV/VGM	fL	76.0 ± 5.0		86.0 ± 5.0		95.0 ± 5.0	
	MCH/TCMH	pg	25.8 ± 2.5		29.7 ± 2.5		33.3 ± 2.5	
		famol	1.6 ± 0.2		1.9 ± 0.2		2.1 ± 0.2	
	MCHC/CCMH	g/dL	33.9 ± 3.0		34.6 ± 3.0		35.0 ± 3.0	
		g/L	339 ± 30		346 ± 30		350 ± 30	
Plt	mmol/L	21.1 ± 1.9		21.5 ± 1.9		21.8 ± 1.9		
	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	60 ± 8		240 ± 20		530 ± 40		
<b>MINDRAY</b>  <b>BC-2800 VET</b> <b>BC-2600 VET</b> (Software version 2.0 or higher) Version supérieure ou égale à 2.0	WBC/GB	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.9 ± 0.25		7.8 ± 0.5		20.6 ± 1.3	
	RBC/GR	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	2.40 ± 0.10		4.67 ± 0.19		5.64 ± 0.23	
	Hgb	g/dL	6.2 ± 0.2		13.9 ± 0.6		19.0 ± 0.8	
		g/L	62 ± 2.48		139 ± 5.56		190 ± 7.60	
		mmol/L	3.85 ± 0.15		8.63 ± 0.35		11.80 ± 0.47	
	Hct	%	18.0 ± 0.9		40.2 ± 2.0		53.6 ± 2.7	
		L/L	0.180 ± 0.009		0.402 ± 0.020		0.536 ± 0.027	
	MCV/VGM	fL	75.0 ± 5.0		86.0 ± 5.0		95.0 ± 5.0	
	MCH/TCMH	pg	25.8 ± 2.5		29.8 ± 2.5		33.7 ± 2.5	
		famol	1.6 ± 0.2		1.9 ± 0.2		2.1 ± 0.2	
	MCHC/CCMH	g/dL	34.4 ± 3.0		34.6 ± 3.0		35.5 ± 3.0	
		g/L	344 ± 30		346 ± 30		355 ± 30	
	mmol/L	21.4 ± 1.9		21.5 ± 1.9		22.0 ± 1.9		
Plt	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	68 ± 9		246 ± 21		488 ± 37		
<b>MINDRAY</b>  <b>BC-2300</b> <b>BC-2100</b>	WBC/GB	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.9 ± 0.2		8.0 ± 0.5		21.0 ± 1.4	
	LYM%	%	59.0 ± 10.0		31.0 ± 8.0		15.0 ± 8.0	
	MON%	%	9.0 ± 8.0		7.0 ± 6.5		5.0 ± 4.5	
	GRA%	%	32.0 ± 9.0		62.0 ± 10.0		80.0 ± 9.0	
	LYM#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.1 ± 0.3		2.5 ± 0.7		3.2 ± 1.8	
	MON#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.2 ± 0.2		0.6 ± 0.6		1.1 ± 1.0	
	GRA#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.6 ± 0.2		5.0 ± 0.9		16.8 ± 1.9	
	RBC/GR	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	2.36 ± 0.09		4.54 ± 0.18		5.48 ± 0.22	
	Hgb	g/dL	6.1 ± 0.2		13.7 ± 0.5		18.4 ± 0.7	
		g/L	61 ± 2.44		137 ± 5.48		184 ± 7.36	
		mmol/L	3.79 ± 0.15		8.51 ± 0.34		11.43 ± 0.46	
	Hct	%	17.0 ± 0.9		38.1 ± 1.9		51.2 ± 2.6	
		L/L	0.170 ± 0.009		0.381 ± 0.019		0.512 ± 0.026	
	MCV/VGM	fL	72.0 ± 5.0		84.0 ± 5.0		93.5 ± 5.0	
	MCH/TCMH	pg	25.8 ± 2.5		30.2 ± 2.5		33.6 ± 2.5	
		famol	1.6 ± 0.2		1.9 ± 0.2		2.1 ± 0.2	
	MCHC/CCMH	g/dL	35.9 ± 3.0		35.9 ± 3.0		35.9 ± 3.0	
		g/L	359 ± 30		359 ± 30		359 ± 30	
		mmol/L	22.3 ± 1.9		22.3 ± 1.9		22.3 ± 1.9	
	RDW/IDR	%	14.0 ± 3.0		13.0 ± 3.0		12.5 ± 3.0	
RDW/IDR-SD	fL	32.5 ± 6.0		34.5 ± 6.0		37.0 ± 8.0		
Plt	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	62 ± 8		230 ± 20		510 ± 38		
MPV/VPM	fL	10.0 ± 3.0		10.0 ± 3.0		10.0 ± 3.0		
Pct/Tht	%	0.05 ± 0.05		0.22 ± 0.10		0.54 ± 0.20		
	mL/L	0.50 ± 0.50		2.20 ± 1.00		5.40 ± 2.00		
PDW/IDP	%	14.9 ± 3.0		15.0 ± 3.0		15.0 ± 3.0		

**LOT**

Ch.-B.:142

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ASSAY VALUES AND EXPECTED RANGES

 ZIELWERTE UND BEREICHE *RiüBÄK*

 QCP Data Months : **November, December, January**

 QC-Monate : **November, Dezember, Januar**


Verw. bis: 16.02.2012

Instruments : <b>DIAGON (1)</b>								
Instrument	Parameter / Paramètre		Low/Niedrig		Normal		High/Hoch	
			Ch.-B.:1421		Ch.-B.:1422		Ch.-B.:1423	
			Mean	Limit	Mean	Limit	Mean	Limit
			Cibles	Limites	Cibles	Limites	Cibles	Limites
<b>DIAGON</b>  <b>D-Cell 60</b> <b>D-Cell 60CS</b>	WBC/GB	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.9	± 0.25	7.9	± 0.51	20.3	± 1.32
	LYM%	%	58.0	± 12.0	30.5	± 8.0	14.5	± 7.0
	MON%	%	10.5	± 9.0	8.0	± 7.0	5.5	± 5.0
	GRA%	%	31.5	± 9.0	61.5	± 8.0	80.0	± 8.0
	LYM#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.1	± 0.3	2.4	± 0.7	2.9	± 1.5
	MON#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.2	± 0.2	0.6	± 0.6	1.1	± 1.0
	GRA#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.6	± 0.2	4.9	± 0.7	16.2	± 1.7
	RBC/GR	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	2.50	± 0.10	4.80	± 0.19	5.78	± 0.23
	Hgb	g/dL	6.1	± 0.24	13.8	± 0.55	18.6	± 0.74
		g/L	61	± 2.44	138	± 5.52	186	± 7.44
		mmol/L	3.79	± 0.15	8.57	± 0.34	11.55	± 0.46
	Hct	%	18.9	± 0.95	42.0	± 2.10	56.1	± 2.81
		L/L	0.189	± 0.009	0.420	± 0.021	0.561	± 0.028
	MCV/VGM	fL	75.5	± 5.0	87.5	± 5.0	97.0	± 5.0
	MCH/TCMH	pg	24.4	± 2.5	28.8	± 2.5	32.2	± 2.5
		fmol	1.5	± 0.2	1.8	± 0.2	2.0	± 0.2
	MCHC/CCMH	g/dL	32.3	± 3.0	32.9	± 3.0	33.2	± 3.0
		g/L	323	± 30	329	± 30	332	± 30
		mmol/L	20.1	± 1.9	20.4	± 1.9	20.6	± 1.9
	RDW/IDR	%	15.8	± 3.0	14.5	± 3.0	14.0	± 3.0
	RDW/IDR-SD	fL	39.5	± 6.0	41.0	± 6.0	44.5	± 8.0
	Plt	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	73	± 10	250	± 21	500	± 38
MPV/VPM	fL	8.6	± 3.0	8.1	± 3.0	8.3	± 3.0	
Pct/Tht	%	0.06	± 0.05	0.20	± 0.10	0.42	± 0.20	
	mL/L	0.60	± 0.50	2.00	± 1.00	4.20	± 2.00	
PDW/IDP	%	16.2	± 3.0	15.7	± 3.0	15.6	± 3.0	
<b>DIAGON</b>  <b>D-Cell 30</b>	WBC/GB	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.9	± 0.25	7.8	± 0.51	20.6	± 1.34
	LYM%	%	62.5	± 10.0	32.0	± 8.0	14.5	± 7.0
	MON%	%	8.0	± 7.0	6.5	± 5.0	4.5	± 4.5
	GRA%	%	29.5	± 9.0	61.5	± 9.0	81.0	± 8.0
	LYM#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.2	± 0.3	2.5	± 0.7	3.0	± 1.5
	MON#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.2	± 0.2	0.5	± 0.4	0.9	± 0.9
	GRA#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.6	± 0.2	4.8	± 0.8	16.7	± 1.7
	RBC/GR	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	2.40	± 0.10	4.67	± 0.19	5.64	± 0.23
	Hgb	g/dL	6.2	± 0.25	13.9	± 0.56	19.0	± 0.76
		g/L	62	± 2.48	139	± 5.56	190	± 7.60
		mmol/L	3.85	± 0.15	8.63	± 0.35	11.80	± 0.47
	Hct	%	18.0	± 0.90	40.2	± 2.01	53.6	± 2.68
		L/L	0.180	± 0.009	0.402	± 0.020	0.536	± 0.027
	MCV/VGM	fL	75.0	± 5.0	86.0	± 5.0	95.0	± 5.0
	MCH/TCMH	pg	25.8	± 2.5	29.8	± 2.5	33.7	± 2.5
		fmol	1.6	± 0.2	1.9	± 0.2	2.1	± 0.2
	MCHC/CCMH	g/dL	34.4	± 3.0	34.6	± 3.0	35.5	± 3.0
		g/L	344	± 30	346	± 30	355	± 30
		mmol/L	21.4	± 1.9	21.5	± 1.9	22.0	± 1.9
	RDW/IDR	%	16.2	± 3.0	15.5	± 3.0	15.0	± 3.0
	RDW/IDR	fL	41.0	± 6.0	42.5	± 6.0	47.0	± 8.0
	Plt	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	68	± 9	246	± 21	488	± 37
MPV/VPM	fL	9.4	± 3.0	9.3	± 3.0	9.3	± 3.0	
Pct/Tht	%	0.06	± 0.05	0.22	± 0.10	0.45	± 0.20	
	mL/L	0.60	± 0.50	2.20	± 1.00	4.50	± 2.00	
PDW/IDP	%	15.0	± 3.0	14.9	± 3.0	14.7	± 3.0	

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ASSAY VALUES AND EXPECTED RANGES

 ZIELWERTE UND BEREICHE *RiüBÄK*

 QCP Data Months : **November, December, January**

 QC-Monate : **November, Dezember, Januar**


Verw. bis: 16.02.2012

Instruments : <b>ORPHEE</b>								
Instrument	Parameter / Paramètre		Low/Niedrig		Normal		High/Hoch	
			Ch.-B.:1421		Ch.-B.:1422		Ch.-B.:1423	
			Mean	Limit	Mean	Limit	Mean	Limit
		Cibles	Limites	Cibles	Limites	Cibles	Limites	
<b>ORPHEE</b>  <b>MYTHIC 18</b>	WBC/GB	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	2.0	± 0.13	7.9	± 0.51	19.8	± 1.29
	LYM%	%	51.5	± 7.0	27.0	± 7.0	13.5	± 6.0
	MON%	%	12.5	± 6.0	6.5	± 5.0	3.5	± 3.5
	GRA%	%	36.0	± 7.0	66.5	± 7.0	83.0	± 8.0
	LYM#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.0	± 0.2	2.1	± 0.6	2.7	± 1.3
	MON#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.3	± 0.2	0.5	± 0.4	0.7	± 0.7
	GRA#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.7	± 0.2	5.3	± 0.6	16.4	± 1.6
	RBC/GR	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	2.45	± 0.10	4.68	± 0.19	5.56	± 0.22
	Hgb	g/dL	6.2	± 0.25	13.6	± 0.54	18.0	± 0.72
		g/L	62	± 2.48	136	± 5.44	180	± 7.20
		mmol/L	3.85	± 0.15	8.45	± 0.34	11.18	± 0.45
	Hct	%	19.1	± 0.96	40.7	± 2.04	53.4	± 2.67
		L/L	0.191	± 0.010	0.407	± 0.020	0.534	± 0.027
	MCV/VGM	fL	78.0	± 5.0	87.0	± 5.0	96.0	± 5.0
	MCH/TCMH	pg	25.3	± 2.5	29.1	± 2.5	32.4	± 2.5
		fmol	1.6	± 0.2	1.8	± 0.2	2.0	± 0.2
	MCHC/CCMH	g/dL	32.4	± 3.0	33.4	± 3.0	33.7	± 3.0
		g/L	324	± 30	334	± 30	337	± 30
		mmol/L	20.2	± 1.9	20.8	± 1.9	20.9	± 1.9
	RDW/IDR	%	14.7	± 3.0	14.7	± 3.0	13.5	± 3.0
Plt	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	73	± 10	255	± 22	500	± 38	
MPV/VPM	fL	8.0	± 3.0	7.5	± 3.0	7.6	± 3.0	
Pct/Tht	%	0.058	± 0.050	0.191	± 0.075	0.380	± 0.115	
	mL/L	0.58	± 0.50	1.91	± 0.75	3.80	± 1.15	
<b>ORPHEE</b> <b>MYTHIC 22</b>	WBC/GB	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.0	± 0.13	5.5	± 0.36	17.7	± 1.15
	RBC/GR	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	2.42	± 0.10	4.76	± 0.19	5.65	± 0.23
	Hgb	g/dL	4.8	± 0.19	11.4	± 0.46	14.8	± 0.59
		g/L	48	± 1.92	114	± 4.56	148	± 5.92
		mmol/L	2.98	± 0.12	7.08	± 0.28	9.19	± 0.37
	Hct	%	16.7	± 0.84	37.6	± 1.88	49.7	± 2.49
		L/L	0.167	± 0.008	0.376	± 0.019	0.497	± 0.025
	MCV/VGM	fL	69.0	± 5.0	79.0	± 5.0	88.0	± 5.0
	MCH/TCMH	pg	19.8	± 2.5	23.9	± 3.0	26.2	± 3.5
		fmol	1.2	± 0.2	1.5	± 0.2	1.6	± 0.2
	MCHC/CCMH	g/dL	28.7	± 3.0	30.3	± 3.5	29.8	± 3.5
		g/L	287	± 30	303	± 35	298	± 35
		mmol/L	17.8	± 1.9	18.8	± 2.2	18.5	± 2.2
	RDW/IDR	%	16.5	± 5.0	15.0	± 5.0	14.0	± 5.0
	Plt	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	82	± 11	270	± 23	515	± 39
	MPV/VPM	fL	9.3	± 3.0	9.0	± 3.0	9.2	± 3.0
	Pct/Tht	%	0.076	± 0.050	0.243	± 0.075	0.474	± 0.115
	mL/L	0.76	± 0.50	2.43	± 0.75	4.74	± 1.15	
PDW/IDP	%	14.0	± 5.0	14.5	± 5.0	14.5	± 5.0	

**LOT**

Ch.-B.:142

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ASSAY VALUES AND EXPECTED RANGES

 ZIELWERTE UND BEREICHE *RiüBÄK*

 QCP Data Months : **November, December, January**

 QC-Monate : **November, Dezember, Januar**


Verw. bis: 16.02.2012

<b>Instruments : Bayer (1)</b>		<b>Low/Niedrig</b>		<b>Normal</b>		<b>High/Hoch</b>	
<b>Instrument</b>	<b>Parameter / Paramètre</b>	<b>Ch.-B.:1421</b>		<b>Ch.-B.:1422</b>		<b>Ch.-B.:1423</b>	
		Mean Cibles	Limit Limites	Mean Cibles	Limit Limites	Mean Cibles	Limit Limites
<b>BAYER</b>	WBC/GB	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.60 ± 0.21	6.60 ± 0.43	18.00 ± 1.17		
	RBC/GR	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	2.48 ± 0.10	4.66 ± 0.19	5.56 ± 0.22		
	Hgb	g/dL	6.2 ± 0.25	13.4 ± 0.54	17.7 ± 0.71		
		g/L	62 ± 2.48	134 ± 5.36	177 ± 7.08		
	Hct	mmol/L	3.85 ± 0.15	8.32 ± 0.33	10.99 ± 0.44		
		%	16.4 ± 0.82	36.4 ± 1.82	48.1 ± 2.41		
	<b>ADVIA 120</b>	MCV/VGM	L/L	0.164 ± 0.008	0.364 ± 0.018	0.481 ± 0.024	
			fL	66.1 ± 5.0	78.1 ± 5.0	86.5 ± 5.0	
		MCH/TCMH	pg	25.0 ± 2.5	28.8 ± 3.0	31.8 ± 3.2	
			famol	1.55 ± 0.16	1.79 ± 0.19	1.98 ± 0.20	
MCHC/CCMH		g/dL	37.8 ± 4.0	36.8 ± 4.0	36.8 ± 4.0		
		g/L	378 ± 40.0	368 ± 40	368 ± 40		
RDW/IDR		mmol/L	23.5 ± 2.5	22.9 ± 2.5	22.8 ± 2.5		
		%	16.5 ± 5.0	15.0 ± 4.5	14.0 ± 4.5		
Plt		10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	62 ± 8	240 ± 20	515 ± 39		
MPV/VPM		fL	9.1 ± 3.5	9.0 ± 3.5	9.2 ± 3.5		
IDP/PDW	%	41.5 ± 12.0	40.5 ± 12.0	38.5 ± 12.0			
<b>Instrumente : SYSMEX (1)</b>		<b>Low/Niedrig</b>		<b>Normal</b>		<b>High/Hoch</b>	
<b>SYSMEX</b>	WBC/GB	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.90 ± 0.25	7.20 ± 0.47	18.70 ± 1.22		
			2.45 ± 0.10	4.72 ± 0.19	5.62 ± 0.22		
RBC/GR	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	g/dL	6.1 ± 0.24	13.6 ± 0.54	18.3 ± 0.73		
			61 ± 2.44	136 ± 5.44	183 ± 7.32		
Hgb	g/L	mmol/L	3.79 ± 0.15	8.45 ± 0.34	11.36 ± 0.45		
			17.0 ± 0.85	36.9 ± 1.85	48.5 ± 2.43		
Hct	%	L/L	0.170 ± 0.009	0.369 ± 0.018	0.485 ± 0.024		
			69.4 ± 5.0	78.2 ± 5.0	86.3 ± 5.0		
<b>SYSMEX KX-21</b>	MCV/VGM	fL	24.9 ± 2.5	28.8 ± 3.0	32.6 ± 3.2		
			1.55 ± 0.16	1.79 ± 0.19	2.02 ± 0.20		
	MCH/TCMH	pg	famol	35.9 ± 4.0	36.9 ± 4.0	37.7 ± 4.0	
				359 ± 40	369 ± 40	377 ± 40	
	MCHC/CCMH	g/dL	g/L	22.3 ± 2.5	22.9 ± 2.5	23.4 ± 2.5	
				12.5 ± 5.0	10.0 ± 5.0	11.5 ± 5.0	
	RDW-CV/IDR-CV	%	34.0 ± 11.0	34.5 ± 12.0	39.0 ± 13.0		
	RDW-SD/IDR-SD	fL	60 ± 8	260 ± 22	555 ± 42		
	Plt	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	8.6 ± 3.5	8.5 ± 3.5	8.9 ± 3.5		
	MPV/VPM	fL					

**LOT**

Ch.-B.:142

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 ASSAY VALUES AND EXPECTED RANGES  
 ZIELWERTE UND BEREICHE *RiüBÄK*

 QCP Data Months : **November, December, January**

 QC-Monate : **November, Dezember, Januar**


Verw. bis: 16.02.2012

<b>Instrumente : HOSPITEX</b>								
Instrument	Parameter / Paramètre		Low/Niedrig		Normal		High/Hoch	
			Ch.-B.:1421		Ch.-B.:1422		Ch.-B.:1423	
			Mean Zielwert	Limit Bereich	Mean Zielwert	Limit Bereich	Mean Zielwert	Limit Bereich
<b>Hospitex</b>  <b>Alle Systeme mit 3-fach-Diff</b>	WBC/Leuko	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	2.0 ± 0.13		7.7 ± 0.50		20.5 ± 1.33	
	RBC/Ery	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	2.40 ± 0.10		4.72 ± 0.19		5.54 ± 0.22	
	HGB/Hb	g/dL	6.1 ± 0.24		13.7 ± 0.55		18.1 ± 0.72	
		g/L	61 ± 2.44		137 ± 5.48		181 ± 7.24	
		mmol/L	3.8 ± 0.15		8.5 ± 0.34		11.2 ± 0.45	
	HCT	%	18.0 ± 0.90		39.9 ± 2.00		52.4 ± 2.62	
		L/L	0.180 ± 0.009		0.399 ± 0.020		0.524 ± 0.026	
	MCV/VGM	fL	75.0 ± 4.0		84.5 ± 4.0		94.6 ± 4.0	
	MCH/TCMH	pg	25.4 ± 2.4		29.0 ± 2.8		32.7 ± 2.8	
		fmol	1.58 ± 0.15		1.80 ± 0.17		2.02 ± 0.17	
	MCHC/CCMH	g/dL	33.9 ± 3.0		34.3 ± 3.0		34.5 ± 3.0	
		g/L	339 ± 30		343 ± 30		345 ± 30	
		mmol/L	21.1 ± 1.9		21.3 ± 1.9		21.4 ± 1.9	
	RDW/IDR	%	16.7 ± 3.0		15.9 ± 3.0		15.5 ± 3.0	
	PLT/Thrombo	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	70 ± 9		255 ± 22		500 ± 38	
	MPV/VPM	fL	7.4 ± 2.0		7.1 ± 2.0		7.8 ± 2.0	
	LY%	%	55.0 ± 8.0		31.0 ± 7.0		15.3 ± 7.0	
	MO%	%	12.5 ± 6.0		7.5 ± 6.0		5.7 ± 5.7	
	GR%	%	32.5 ± 8.0		61.5 ± 8.0		79.0 ± 8.0	
	LY#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	1.1 ± 0.2		2.4 ± 0.5		3.1 ± 1.4	
MO#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.3 ± 0.1		0.6 ± 0.5		1.2 ± 1.2		
GR#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.7 ± 0.2		4.7 ± 0.6		16.2 ± 1.6		
<b>Instrumente : ERMA</b>								
Instrument	Parameter / Paramètre		Low/Niedrig		Normal		High/Hoch	
			Ch.-B.:1421		Ch.-B.:1422		Ch.-B.:1423	
			Mean Zielwert	Limit Bereich	Mean Zielwert	Limit Bereich	Mean Zielwert	Limit Bereich
<b>Ermax - 18</b>  <b>PCE-140</b> <b>PCE-170</b> <b>PCE-210</b>	WBC/Leuko	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	2.0 ± 0.13		7.5 ± 0.49		21.5 ± 1.40	
	RBC/Ery	10 <sup>6</sup> /µL & 10 <sup>12</sup> /L	2.45 ± 0.10		4.73 ± 0.19		5.32 ± 0.21	
	HGB/Hb	g/dL	5.9 ± 0.24		13.3 ± 0.53		17.4 ± 0.70	
		g/L	59 ± 2.36		133 ± 5.32		174 ± 6.96	
		mmol/L	3.7 ± 0.15		8.3 ± 0.33		10.8 ± 0.43	
	HCT	%	19.1 ± 0.96		41.8 ± 2.09		54.0 ± 2.70	
		L/L	0.191 ± 0.010		0.418 ± 0.021		0.540 ± 0.027	
	MCV/VGM	fL	78.0 ± 5.0		88.4 ± 5.0		101.5 ± 5.0	
	MCH/TCMH	pg	24.1 ± 2.5		28.1 ± 3.0		32.7 ± 3.2	
		fmol	1.51 ± 0.16		1.75 ± 0.19		2.03 ± 0.20	
	MCHC/CCMH	g/dL	30.9 ± 4.0		31.8 ± 4.0		32.2 ± 4.0	
		g/L	309 ± 40		318 ± 40		322 ± 40	
		mmol/L	19.4 ± 2.5		19.9 ± 2.5		20.0 ± 2.5	
	RDW	%	19.0 ± 5.0		17.5 ± 4.5		16.5 ± 4.5	
	PLT/Thrombo	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	80 ± 11		280 ± 24		535 ± 40	
	MPV	fL	8.2 ± 3.0		6.8 ± 3.0		8.1 ± 3.0	
	PDW%	%	16.5 ± 3.0		15.1 ± 3.0		14.4 ± 3.0	
	LYM%	%	46.5 ± 14.0		31.5 ± 10.0		27.5 ± 8.0	
	MONO%	%	6.5 ± 6.5		5.0 ± 5.0		4.5 ± 4.5	
	GRA%	%	47.0 ± 14.0		63.5 ± 12.0		68.0 ± 12.0	
LYM#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.9 ± 0.3		2.4 ± 0.8		5.9 ± 1.7		
MONO#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.1 ± 0.1		0.4 ± 0.4		1.0 ± 1.0		
GRA#	10 <sup>3</sup> /µL & 10 <sup>9</sup> /L	0.9 ± 0.3		4.8 ± 0.9		14.6 ± 2.6		

**LOT**

Ch.-B.:142

**20**

ASSAY VALUES AND EXPECTED RANGES

VALEURS CIBLES ET INTERVALLES DE VARIATIONS

QCP Data Months :

**November, December, January**

Mois de Contrôle :

**November, Dezember, Januar**


Verw. bis: 16.02.2012

Instruments : <b>BIOCODE HYCEL (1)</b>		Low/Niedrig		Normal		High/Hoch	
Instrument	Parameter / Paramètre	Ch.-B.:1421		Ch.-B.:1422		Ch.-B.:1423	
		Mean Zielwert	Limit Bereich	Mean Zielwert	Limit Bereich	Mean Zielwert	Limit Bereich
<b>BIOCODE HYCEL</b>	WBC/GB	10 <sup>3</sup> /μL & 10 <sup>9</sup> /L	1.8 ± 0.2	7.6 ± 0.5	21.2 ± 1.4		
	LYM%	%	55 ± 15	30 ± 8	17 ± 8		
	MON%	%	14 ± 6	10 ± 4	6 ± 5		
	GRA%	%	31 ± 10	60 ± 7	77 ± 8		
	LYM#	10 <sup>3</sup> /μL & 10 <sup>9</sup> /L	1.0 ± 0.3	2.3 ± 0.6	3.6 ± 1.7		
	MON#	10 <sup>3</sup> /μL & 10 <sup>9</sup> /L	0.3 ± 0.1	0.8 ± 0.3	1.3 ± 1.1		
	GRA#	10 <sup>3</sup> /μL & 10 <sup>9</sup> /L	0.6 ± 0.2	4.6 ± 0.5	16.3 ± 1.7		
	<b>CELLY</b>	RBC/GR	10 <sup>6</sup> /μL & 10 <sup>12</sup> /L	2.38 ± 0.10	4.68 ± 0.19	5.60 ± 0.22	
		Hgb	g/dL	6.6 ± 0.3	13.4 ± 0.5	17.9 ± 0.7	
	<b>CELLY-70</b>		g/L	66 ± 2.6	134 ± 5.4	179 ± 7.2	
			mmol/L	4.10 ± 0.2	8.32 ± 0.3	11.12 ± 0.4	
		Hct	%	16.4 ± 0.8	36.7 ± 1.8	48.8 ± 2.4	
			L/L	0.164 ± 0.008	0.367 ± 0.018	0.488 ± 0.024	
		MCV/VGM	fL	68.9 ± 5.0	78.4 ± 5.0	87.1 ± 5.0	
MCH/TCMH		pg	27.7 ± 2.5	28.6 ± 3.0	32.0 ± 3.0		
		fmol	1.72 ± 0.16	1.78 ± 0.19	1.99 ± 0.19		
MCHC/CCMH		g/dL	40.2 ± 3.5	36.5 ± 3.5	36.7 ± 3.8		
		g/L	402 ± 35	365 ± 35	367 ± 38		
		mmol/L	25.0 ± 2.2	22.7 ± 2.2	22.8 ± 2.4		
RDW/IDR		%	12.5 ± 5.5	11.9 ± 5.5	11.5 ± 5.5		
Plt		10 <sup>3</sup> /μL & 10 <sup>9</sup> /L	56 ± 8	232 ± 20	480 ± 36		
MPV/VPM	fL	8.8 ± 3.0	8.1 ± 3.0	8.3 ± 3.0			
Pct/Tht	%	0.049 ± 0.035	0.188 ± 0.065	0.398 ± 0.110			
	mL/L	0.49 ± 0.35	1.88 ± 0.65	3.98 ± 1.10			
	PDW/IDP	%	19.5 ± 12.0	16.1 ± 10.0	13.2 ± 10.0		
<b>BIOCODE HYCEL</b>	WBC/GB	10 <sup>3</sup> /μL & 10 <sup>9</sup> /L	2.1 ± 0.1	7.9 ± 0.5	20.7 ± 1.3		
	LYM%	%	55 ± 15	30 ± 8	16 ± 8		
	MON%	%	12 ± 6	8 ± 4	5 ± 5		
	GRA%	%	33 ± 10	62 ± 7	79 ± 8		
	LYM#	10 <sup>3</sup> /μL & 10 <sup>9</sup> /L	1.2 ± 0.3	2.4 ± 0.6	3.3 ± 1.7		
	MON#	10 <sup>3</sup> /μL & 10 <sup>9</sup> /L	0.3 ± 0.2	0.6 ± 0.3	1.0 ± 1.0		
	GRA#	10 <sup>3</sup> /μL & 10 <sup>9</sup> /L	0.7 ± 0.2	4.9 ± 0.6	16.4 ± 1.7		
	<b>DATACELL 20</b>	RBC/GR	10 <sup>6</sup> /μL & 10 <sup>12</sup> /L	2.54 ± 0.10	4.75 ± 0.19	5.55 ± 0.22	
		Hgb	g/dL	6.3 ± 0.3	14.1 ± 0.6	18.3 ± 0.7	
	<b>HEMACELL Plus</b>		g/L	63 ± 2.5	141 ± 5.6	183 ± 7.3	
			mmol/L	3.91 ± 0.16	8.76 ± 0.35	11.36 ± 0.45	
		Hct	%	18.5 ± 0.9	39.6 ± 2.0	51.3 ± 2.6	
			L/L	0.185 ± 0.009	0.396 ± 0.020	0.513 ± 0.026	
		MCV/VGM	fL	73 ± 5	83 ± 5	92 ± 5	
		MCH/TCMH	pg	24.8 ± 2.5	29.7 ± 3.0	33.0 ± 3.2	
			fmol	1.54 ± 0.16	1.84 ± 0.19	2.05 ± 0.20	
		MCHC/CCMH	g/dL	34.1 ± 3.5	35.6 ± 3.5	35.7 ± 3.5	
			g/L	341 ± 35	356 ± 35	357 ± 35	
		mmol/L	21.1 ± 2.2	22.1 ± 2.2	22.1 ± 2.2		
RDW/IDR	%	12.0 ± 5.0	11.2 ± 5.0	10.7 ± 5.0			
Plt	10 <sup>3</sup> /μL & 10 <sup>9</sup> /L	68 ± 9	243 ± 21	470 ± 35			
MPV/VPM	fL	10.0 ± 2.5	7.5 ± 2.5	7.5 ± 2.5			



LOT

Ch.-B.:142

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ASSAY VALUES AND EXPECTED RANGES

 ZIELWERTE UND BEREICHE *RiüBÄK*

 QCP Data Months : **November, December, January**

 QC-Monate : **November, Dezember, Januar**


Verw. bis: 16.02.2012

Instruments : Swelab								
Instrument	Parameter / Paramètre		Low/Niedrig		Normal		High/Hoch	
			Ch.-B.:1421		Ch.-B.:1422		Ch.-B.:1423	
			Mean	Limit	Mean	Limit	Mean	Limit
		Cibles	Limites	Cibles	Limites	Cibles	Limites	
Swelab <i>AC-Geräte</i>	WBC/GB	$10^3/\mu\text{L} \& 10^9/\text{L}$	1.9	± 0.24	7.9	± 0.51	21.1	± 1.37
	RBC/GR	$10^6/\mu\text{L} \& 10^{12}/\text{L}$	2.37	± 0.09	4.67	± 0.19	5.62	± 0.22
	Hgb	g/dL	5.7	± 0.23	13.2	± 0.53	17.9	± 0.72
		g/L	57	± 2.28	132	± 5.28	179	± 7.16
	Hct	mmol/L	3.54	± 0.14	8.19	± 0.33	11.11	± 0.44
		%	15.8	± 0.79	36.4	± 1.82	49.1	± 2.46
		L/L	0.158	± 0.008	0.364	± 0.018	0.491	± 0.025
	MCV/VGM	fL	66.8	± 5.0	78.0	± 5.0	87.3	± 5.0
	MCH/TCMH	pg	24.2	± 2.5	28.3	± 2.5	32.0	± 2.5
		fmol	1.5	± 0.2	1.8	± 0.2	2.0	± 0.2
	MCHC/CCMH	g/dL	36.2	± 3.0	36.3	± 3.0	36.6	± 3.0
		g/L	362	± 30	363	± 30	366	± 30
		mmol/L	22.5	± 1.9	22.5	± 1.9	22.7	± 1.9
	Plt	$10^3/\mu\text{L} \& 10^9/\text{L}$	85	± 11	275	± 23	532	± 40

V2011