CVC 223 CO-Oximeter Calibration Verification Controls

Level 5

LOT 45244 2026-03-31

Expected Values Chart	tHb g/dL	O ₂ Hb %	COHb %	MetHb ³ %
Analyzers	mean range	mean range	mean range	mean range
Accriva				
AVOXimeter 1000E	21.2 19.0 - 23.4	4.4 -3.6 - 12.4		
AVOXimeter 4000	21.2 19.0 - 23.4	-1.0 -9.0 - 7.0	ORL ¹	0.0 -3.0 - 3.0
L				
482	DNA ²	DNA ²	DNA ²	DNA ²
682	20.0 18.0 - 22.0	0.0 -2.5 - 2.5	99.6 94.6 - 104.6	1.6 -0.4 - 3.6
Synthesis Series	18.5 16.5 - 20.5	1.2 -1.3 - 3.7	98.0 93.0 - 103.0	1.1 -0.9 - 3.1
GEM OPL	21.2 19.0 - 23.4	-1.0 -9.0 - 7.0	ORL ¹	0.0 -3.0 - 3.0
GEM Premier 4000	19.8 17.8 - 21.8	1.1 -1.4 - 3.6	97.7 92.7 - 102.7	1.7 -0.3 - 3.7
GEM Premier 5000	20.5 18.5 22.5	0.7 -1.8 - 3.2	95.6 90.6 - 100.6	1.7 -0.3 - 3.7
lova				
*Prime Plus	22.0 20.0 - 24.0	DNA ²	DNA ²	0.4 0.0 - 5.0
*pHOx Ultra	22.7 20.7 - 24.7	1.3 -0.71 - 3.3	99.0 94.0 104.0 ¹	0.3 0.0 - 5.0
adiometer				
ABL 700 Series	19.1 17.1 - 21.1	-0.5 -3.0 - 2.0	95.9 90.9 - 100.9	4.4 2.4 - 6.4
ABL 800 Series	19.7 17.7 - 21.7	-0.8 -3.3 - 1.7	95.9 90.9 - 100.9	5.1 3.1 - 7.1
ABL 80 Series	DNA ²	DNA ²	DNA ²	DNA ²
ABL 90 Series	DNA ²	DNA ²	DNA ²	DNA ²
Roche				
Cobas b 221	19.7 17.7 - 21.7	-0.4 -2.9 - 2.1	97.0 92.0 - 102.0	1.8 -0.2 - 3.8
OMNI Series	19.7 17.7 - 21.7	0.5 -2.0 - 3.0	95.0 90.0 - 100.0	2.3 0.3 - 4.3
iemens				
400 Series	21.4 19.4 - 23.4	3.8 1.3 - 6.3	93.8 88.8 - 98.8	1.7 -0.3 - 3.7
500 Series	21.7 19.7 - 23.7	3.8 1.3 - 6.3	93.7 88.7 - 98.7	1.6 -0.4 - 3.6
1200 Series	21.6 19.6 - 23.6	3.5 1.0 - 6.0	94.6 89.6 - 99.6	1.2 -0.8 - 3.2

FOOTNOTES:

1. ORL - Outside Reportable Limits of Analyzer

2. DNA - Data Not Available at time of printing

3. MetHb range cannot determine linearity, calibration verification or reportable range.

*Samples should be run as Profiency or Linearity samples on the analyzers.

i REF IVD Catalog Numbe Consult Instructions for Use For In Vitro Diagnostic Use LOT Lot Numbe Manufactured For Store At Use By

INSTRUMENT MANUFACTURERS

Accriva Diagnostics, San Diego, CA Instrumentation Laboratory, Bedford, MA Nova Biomedical, Waltham, MA Radiometer America, Westlake, OH Roche Diagnostics, Indianapolis, IN Siemens Healthineers, Malvern, PA



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K01231 Rev. 07/24



CVC 223 CO-Oximeter Calibration Verification Controls

Set: 422344R Level 1: 45141 LOT Level 2: 44878 Level 3: 44975 Level 4: 45072 Level 5: 45244

INTENDED USE

RNA Medical® Brand CVC 223 CO-Oximeter Calibration Verification Controls The values for each control analyte on the enclosed Expected Values Chart are based on multiple determinations performed on randomly selected samples are assaved materials used for confirming the calibration and linearity of total hemoglobin and hemoglobin fractions on CO-Oximeter analyzers. from each lot. The listing for each instrument represents the expected range and mean value of this range.

PRODUCT DESCRIPTION

The Expected Values are provided as a guide in evaluating analyzer CVC 223 is provided in five (5) distinct levels of total hemoglobin, performance. Since instrument design and operating conditions may vary, oxyhemoglobin, and carboxyhemoglobin covering the physiologically each laboratory should establish its own acceptance criteria. significant range of instrument performance. It also contains methemoglobin. CVC 223 is packaged in sealed glass ampuls, each containing 1.2 mL of STATISTICAL SUPPORT solution. Ampuls are packaged in kits containing four (4) ampuls of each level.

Active Ingredients:

CVC 223 is a purified bovine hemoglobin solution that has been saturated with carbon monoxide or treated with precise concentrations of carbon monoxide. This control contains no preservatives and no human-based materials. It is considered good laboratory practice to follow the recommended "Universal Precautions" when handling any blood product.

STORAGE

The expiration date stated on the CVC 223 packaging is for product stored at 2-8 °C. Avoid exposure to freezing and temperatures greater than 8 °C.

DIRECTIONS FOR USE

CVC 223 should be analyzed immediately after removal from refrigeration.

It is best to run CVC 223 in the same manner as patient samples, however, please refer to any specific instructions for your analyzer regarding the use of these or any other control materials.

General Instructions

- 1. Calibrate your CO-Oximeter according to the manufacturer's recommendations. If the analyzer is a combination blood gas/CO-Oximetry system, a two-point calibration is suggested.
- 4. This product is intended for use as a quality control material and can assist in evaluating the performance of laboratory instruments. It is not for use as 2. Beginning with level 1, gently invert the ampul to mix the solution. Tap the a calibration standard and its use should not replace other aspects of a ampul to restore the liquid to the bottom of the ampul. complete quality control program.
- 3. Open the ampul by snapping off the tip at the score. Use the Snapper provided to protect fingers from cuts.
- 4. Introduce the liquid from the ampul to the analyzer. Use direct aspiration, RNA Medical is a registered trademark and PeerQC is a registered service mark of Bionostics, Inc. syringe transfer, or capillary mode techniques.
- Record the results on the Data Collection and Linearity Worksheet provided 5. for each analyte.
- 6. Repeat steps 2 through 5 for the remaining ampuls of level 1 until three (3) replicates are completed. (A fourth ampul of each level is provided in the event of accidental breakage or obvious sampling error.) Test levels 2, 3, 4, and 5 the same way. Record all values on the worksheets.
- 7. Calculate the mean value for each test analyte and compare your mean to the range on the Expected Values Chart. If your mean is within the range, circle "Y" at the question "OK?" If your mean is outside the range, circle "N" and take corrective action.
- 8. To graph the linearity of your results:
 - a) Using the graph area provided, plot the Test Value (mean) against the Expected Value
 - b) Connect the plotted points to visualize linearity.
- Note: Steps 7 and 8 may be performed on-line as a feature of PeerQC® described below



\Box	Set: 2026-02-28	Level 1:	2026-02-28
			2026-03-31
		Level 3:	2026-04-30
		Level 4:	2026-02-28
		Level 5:	2026-03-31



EXPECTED VALUES

RNA Medical PeerQC, available at www.RNAMedical.com, features webbased graphing and reporting for its Calibration Verification Controls and is available at no charge to RNA Medical customers. The graphing steps outlined above may be performed on-line as a feature of this service. Please contact RNA Medical or visit our website for information about utilizing PeerQC for this product.

LIMITATIONS

- 1. Extended exposure to temperatures greater than 8 °C will affect product performance. If CVC 223 has turned brown in color, this change indicates deterioration and the formation of methemoglobin. In such a case, the control is not suitable for use and should be discarded.
- 2. The methemoglobin in this control can confirm product storage temperature integrity as well as the performance of the MetHb channel on CO-Oximeters. Because of its limited range of values, it will not be of significant value in determining linearity, calibration verification, and reportable range for MetHb.
- 3. CVC 223 is sensitive to many instrument related factors that would affect analytical results. It is a bovine blood-based material but does not contain red cells. Therefore, it may not detect certain malfunctions that would affect the testing of human blood.



CVC 223 CO-Oximeter Calibration Verification Controls

Level 1

LOT 45141 2026-02-28

Expected Values Chart	tHb g/dL	O ₂ Hb %	COHb %	MetHb ³ %
Analyzers	mean range	mean range	mean range	mean range
Accriva				
AVOXimeter 1000E	5.5 4.9 - 6.1	34.8 30.2 - 39.4		
AVOXimeter 4000	5.5 4.9 - 6.1	31.5 26.9 - 36.1	67.2 60.2 - 74.2	0.0 -3.0 - 3.0
IL				
482	DNA ²	DNA ²	DNA ²	DNA ²
682	5.4 4.8 - 6.0	28.1 25.1 - 31.1	73.5 69.5 - 77.5	0.7 -1.3 - 2.7
Synthesis Series	5.2 4.6 - 5.8	31.6 28.6 - 34.6	70.0 66.0 - 74.0	0.4 -1.6 - 2.4
GEM OPL	5.5 4.9 - 6.1	31.5 26.9 - 36.1	67.2 60.2 - 74.2	0.0 -3.0 - 3.0
GEM Premier 4000	ORL ¹	ORL ¹	ORL 1	ORL ¹
GEM Premier 5000	5.0 4.4 - 5.6	28.5 25.5 - 31.5	70.0 66.0 - 74.0	1.0 -1.0 - 3.0
Nova				
*Prime Plus	5.4 4.7 1 - 6.1	25.6 21.6 - 29.6	DNA ¹	1.7 0.0 - 5.0
*pHOx Ultra	5.5 4.8 ⁻¹ - 6.2	34.2 30.2 - 38.2	68.4 64.4 - 72.4	0.4 0.0 - 5.0
Radiometer				
ABL 700 Series	5.1 4.5 - 5.7	32.1 29.1 - 35.1	67.5 63.5 - 71.5	2.6 0.6 - 4.6
ABL 800 Series	4.7 4.1 - 5.3	31.8 28.8 - 34.8	67.5 63.5 - 71.5	3.3 1.3 - 5.3
ABL 80 Series	DNA ²	DNA ²	DNA ²	DNA ²
ABL 90 Series	DNA ²	DNA ²	DNA ²	DNA ²
Roche				
Cobas b 221	5.1 4.5 - 5.7	27.6 24.6 - 30.6	68.9 64.9 - 72.9	1.1 -0.9 - 3.1
OMNI Series	5.1 4.5 - 5.7	29.3 26.3 - 32.3	70.4 66.4 - 74.4	1.6 -0.4 - 3.6
biemens				
400 Series	6.7 6.1 - 7.3	32.9 29.9 - 35.9	66.5 62.5 - 70.5	0.9 -1.1 - 2.9
500 Series	6.4 5.8 - 7.0	32.0 29.0 - 35.0	67.3 63.3 - 71.3	1.3 -0.7 - 3.3
1200 Series	5.9 5.3 - 6.5	31.8 28.8 - 34.8	67.2 63.2 - 71.2	1.2 -0.8 - 3.2

Level 2

LOT 44878 2026-03-31

Expected Values Chart	tHb g/dL	O ₂ Hb %	COHb %	MetHb ³ %	
Analyzers	mean range	mean range	mean range	mean range	
Accriva					
AVOXimeter 1000E	8.3 7.6 - 9.0	95.3 90.8 - 99.8			
AVOXimeter 4000	8.1 7.4 - 8.8	96.9 92.4 - 101.4	6.0 2.0 - 10.0	0.0 -3.0 - 3.0	
L					
482	DNA ²	DNA ²	DNA ²	DNA ²	
682	7.3 6.6 - 8.0	93.6 88.6 - 98.6	7.5 3.5 - 11.5	0.4 -1.6 - 2.4	
Synthesis Series	7.0 6.3 - 7.7	96.5 91.5 - 101.5	6.6 2.6 - 10.6	0.3 -1.7 - 2.3	
GEM OPL	8.1 7.4 - 8.8	96.9 92.4 - 101.4	6.0 2.0 - 10.0	0.0 -3.0 - 3.0	
GEM Premier 4000	7.6 6.9 - 8.3	94.7 89.7 - 99.7	5.0 1.0 - 9.0	0.6 -1.4 - 2.6	
GEM Premier 5000	7.7 7.0 - 8.4	93.5 88.5 - 98.5	4.9 0.9 - 8.9	1.3 -0.7 - 3.3	
Nova					
*Prime Plus	8.0 7.3 - 8.7	93.3 88.3 - 98.3	4.9 1.9 ¹ - 7.9	1.4 0.0 - 5.0	
*pHOx Ultra	7.5 6.8 - 8.2	95.5 90.5 - 100.5 ¹	4.0 1.0 - 7.0	0.1 0.0 - 5.0	
Radiometer					
ABL 700 Series	7.5 6.8 - 8.2	95.0 90.0 - 100.0	3.4 -0.6 - 7.4	1.1 -0.9 - 3.1	
ABL 800 Series	7.9 7.2 - 8.6	93.9 88.9 - 98.9	3.9 -0.1 - 7.9	1.6 -0.4 - 3.6	
ABL 80 Series	DNA ²	DNA ²	DNA ²	DNA ²	
ABL 90 Series	DNA ²	DNA ²	DNA ²	DNA ²	
Roche					
Cobas b 221	7.7 7.0 - 8.4	94.1 89.1 - 99.1	5.2 1.2 - 9.2	0.6 -1.4 - 2.6	
OMNI Series	7.0 6.3 - 7.7	95.0 90.0 - 100.0	4.5 0.5 - 8.5	0.6 -1.4 - 2.6	
Siemens					
400 Series	9.0 8.3 - 9.7	94.4 89.4 - 99.4	4.9 0.9 - 8.9	0.6 -1.4 - 2.6	
500 Series	9.4 8.7 - 10.1	94.0 89.0 - 99.0	5.7 1.7 - 9.7	0.8 -1.2 - 2.8	
1200 Series	8.7 8.0 - 9.4	94.8 89.8 - 99.8	5.8 1.8 - 9.8	0.3 -1.7 - 2.3	

CVC 223 CO-Oximeter Calibration Verification Controls

Level 3				
LOT 44975 🔤 202	6-04-30			
Expected Values Chart	tHb g/dL	O ₂ Hb %	COHb %	MetHb ³ %
Analyzers	mean range	mean range	mean range	mean range
Accriva				
AVOXimeter 1000E	14.0 12.9 - 15.1	83.1 78.8 - 87.4		
AVOXimeter 4000	13.7 12.6 - 14.8	84.0 79.7 - 88.3	17.8 13.3 - 22.3	0.0 -3.0 - 3.0
IL				
482	DNA ²	DNA ²	DNA ²	DNA ²
682	12.6 11.6 - 13.6	82.3 78.3 - 86.3	19.9 15.9 - 23.9	0.2 -1.8 - 2.2
Synthesis Series	12.8 11.8 - 13.8	84.5 80.5 - 88.5	18.8 14.8 - 22.8	0.0 -2.0 - 2.0
GEM OPL	13.7 12.6 - 14.8	84.0 79.7 - 88.3	17.8 13.3 - 22.3	0.0 -3.0 - 3.0
GEM Premier 4000	12.6 11.6 - 13.6	83.9 79.9 - 87.9	16.0 12.0 - 20.0	0.5 -1.5 - 2.5
GEM Premier 5000	12.8 11.8 - 13.8	83.2 79.2 - 87.2	16.1 12.1 - 20.1	0.4 -1.6 - 2.4
Nova				
*Prime Plus	14.1 12.6 - 15.6	80.8 75.8 - 85.8	17.7 14.7 - 20.7	0.9 0.0 - 5.0
*pHOx Ultra	13.1 11.6 - 14.6	86.3 81.3 - 91.3	16.1 13.1 - 19.1	0.1 0.0 - 5.0
Radiometer				
ABL 700 Series	13.1 12.1 - 14.1	84.7 80.7 - 88.7	14.3 10.3 - 18.3	1.1 -0.9 - 3.1
ABL 800 Series	13.2 12.2 - 14.2	84.1 80.1 - 88.1	14.1 10.1 - 18.1	1.1 -0.9 - 3.1
ABL 80 Series	DNA ²	DNA ²	DNA ²	DNA ²
ABL 90 Series	DNA ²	DNA ²	DNA ²	DNA ²
Roche				
Cobas b 221	12.3 11.3 - 13.3	83.9 79.9 - 87.9	16.1 12.1 - 20.1	0.4 -1.6 - 2.4
OMNI Series	12.5 11.5 - 13.5	84.2 80.2 - 88.2	15.2 11.2 - 19.2	0.9 -1.1 - 2.9
Siemens	12.0 11.0 10.0	04.2 00.2 00.2	10.2 11.2 10.2	0.0 1.1 2.0
400 Series	14.0 13.0 - 15.0	84.1 80.1 - 88.1	16.2 12.2 - 20.2	0.0 -2.0 - 2.0
400 Series				
500 Sories	14.2 13.2 - 15.2	844 804 - 884	16.2 12.2 - 20.2	01 -19-21
	14.2 13.2 - 15.2 13.9 12.9 - 14.9 16-02-28	84.4 80.4 - 88.4 83.9 79.9 - 87.9	16.2 12.2 - 20.2 16.5 12.5 - 20.5	0.1 -1.9 - 2.1 0.3 -1.7 - 2.3
1200 Series Level 4 LOT 45072 202	13.9 12.9 - 14.9 16-02-28 tHb	83.9 79.9 - 87.9 O ₂ Hb	16.5 12.5 - 20.5 СОНЬ	0.3 -1.7 - 2.3 MetHb ³
1200 Series Level 4 LOT 45072 202 Expected Values Chart	13.9 12.9 - 14.9 16-02-28 tHb g/dL	83.9 79.9 - 87.9 O ₂ Hb %	16.5 12.5 - 20.5 СОНЬ %	0.3 -1.7 - 2.3 MetHb ³ %
1200 Series Level 4 LOT 45072 202 Expected Values Chart Analyzers	13.9 12.9 - 14.9 16-02-28 tHb	83.9 79.9 - 87.9 O ₂ Hb	16.5 12.5 - 20.5 СОНЬ	0.3 -1.7 - 2.3 MetHb ³
1200 Series Level 4 LOT 45072 202 Expected Values Chart Analyzers Accriva	13.9 12.9 - 14.9 16-02-28 tHb g/dL mean range	83.9 79.9 - 87.9 02Hb % mean range	16.5 12.5 - 20.5 СОНЬ %	0.3 -1.7 - 2.3 MetHb ³ %
1200 Series Level 4 LOT 45072 202 Expected Values Chart Analyzers Accriva AVOXimeter 1000E	13.9 12.9 - 14.9 16-02-28 tHb g/dL mean range 17.7 16.4 - 19.0	83.9 79.9 - 87.9 02Hb % mean range 56.4 52.1 - 60.7	16.5 12.5 - 20.5	0.3 -1.7 - 2.3 MetHb ³ % mean range
1200 Series Level 4 LOT 45072 202 Expected Values Chart Analyzers Accriva AVOXimeter 1000E AVOXimeter 4000	13.9 12.9 - 14.9 16-02-28 tHb g/dL mean range	83.9 79.9 - 87.9 02Hb % mean range	16.5 12.5 - 20.5 СОНЬ %	0.3 -1.7 - 2.3 MetHb ³ %
1200 Series Level 4 LOT 45072 202 Expected Values Chart Analyzers Accriva AVOXimeter 1000E AVOXimeter 4000 IL	13.9 12.9 - 14.9 16-02-28 tHb g/dL mean range 17.7 16.4 - 19.0 17.1 15.8 - 18.4	83.9 79.9 - 87.9 02Hb % mean range 56.4 52.1 - 60.7 55.1 50.8 - 59.4	16.5 12.5 - 20.5 СОНЬ % теал range 45.3 40.0 - 50.6	0.3 -1.7 - 2.3 MetHb ³ % mean range 0.0 -3.0 - 3.0
1200 Series Level 4 LOT 45072 Expected Values Chart Analyzers Accriva AVOXimeter 1000E AVOXimeter 4000 IL 482	13.9 12.9 - 14.9 16-02-28 tHb g/dL mean range 17.7 16.4 - 19.0 17.1 15.8 - 18.4 DNA ²	83.9 79.9 - 87.9 02Hb % mean range 56.4 52.1 - 60.7 55.1 50.8 - 59.4 DNA ²	16.5 12.5 - 20.5 СОНЬ % mean range 45.3 40.0 - 50.6 DNA ²	0.3 -1.7 - 2.3 MetHb ³ % mean range 0.0 -3.0 - 3.0 DNA ²
1200 Series Level 4 LOT 45072 Expected Values Chart Analyzers Accriva AVOXimeter 1000E AVOXimeter 4000 IL 482 682	13.9 12.9 - 14.9 16-02-28 tHb g/dL mean range 17.7 16.4 - 19.0 17.1 15.8 - 18.4 DNA ² 15.6 14.4 - 16.8	83.9 79.9 - 87.9 02Hb % mean range 56.4 52.1 - 60.7 55.1 50.8 - 59.4 DNA ² 51.8 47.8 - 55.8	16.5 12.5 - 20.5 СОНЬ % mean range 45.3 40.0 - 50.6 DNA ² 50.0 46.0 - 54.0	0.3 -1.7 - 2.3 MetHb ³ % mean range 0.0 -3.0 - 3.0 DNA ² 0.2 -1.8 - 2.2
1200 Series Level 4 LOT 45072 ⊇ 022 Expected Values Chart Analyzers Accriva AVOXimeter 1000E AVOXimeter 4000 IL 482 682 Synthesis Series	13.9 12.9 - 14.9 16-02-28 tHb g/dL mean range 17.7 16.4 - 19.0 17.1 15.8 - 18.4 DNA ² 15.6 14.4 - 16.8 15.5 14.3 - 16.7	83.9 79.9 - 87.9 02Hb % mean range 56.4 52.1 - 60.7 55.1 50.8 - 59.4 DNA ² 51.8 47.8 - 55.8 57.1 53.1 - 61.1	16.5 12.5 - 20.5 COHb % mean range 45.3 40.0 - 50.6 DNA ² 50.0 46.0 - 54.0 48.2 44.2 - 52.2	0.3 -1.7 - 2.3 MetHb ³ % mean range 0.0 -3.0 - 3.0 DNA ² 0.2 -1.8 - 2.2 0.1 -1.9 - 2.1
1200 Series Level 4 LOT 45072 202 Expected Values Chart Analyzers Accriva AVOXimeter 1000E AVOXimeter 4000 Lu 482 682 Synthesis Series GEM OPL	13.9 12.9 - 14.9 16-02-28 tHb g/dL mean range 17.7 16.4 - 19.0 17.1 15.8 - 18.4 DNA ² 15.6 14.4 - 16.8 15.5 14.3 - 16.7 17.1 15.8 - 18.4	83.9 79.9 87.9 O2Hb range 56.4 52.1 60.7 55.1 50.8 59.4 DNA ² 51.8 47.8 55.8 57.1 53.1 61.1 55.1 50.8 59.4 59.4 50.8	COHb % mean range 45.3 40.0 - 50.6 DNA² 50.0 46.0 - 54.0 48.2 44.2 - 52.2 45.3 45.3 40.0 - 50.6 50.6	0.3 -1.7 - 2.3 MetHb ³ % mean range 0.0 -3.0 - 3.0 DNA ² 0.2 -1.8 - 2.2 0.1 -1.9 - 2.1 0.0 -3.0 - 3.0
1200 Series Level 4 LOT 45072 202 Expected Values Chart Analyzers ACcriva AVOXimeter 1000E AVOXimeter 4000 IL 482 682 Synthesis Series GEM OPL GEM Premier 4000	13.9 12.9 - 14.9 16-02-28 tHb g/dL mean range 17.7 16.4 - 19.0 17.1 15.8 - 18.4 DNA ² 15.6 14.4 - 16.8 15.5 14.3 - 16.7 17.1 15.8 - 18.4 15.9 14.7 - 17.1	83.9 79.9 87.9 O2Hb range 56.4 52.1 60.7 55.1 50.8 59.4 DNA ² 51.8 47.8 55.8 57.1 53.1 61.1 55.1 50.8 59.4 53.1 49.1 57.1	Initial Component Initial Component mean range 45.3 40.0 - 50.6 DNA ² 50.0 46.0 - 54.0 48.2 44.2 - 52.2 45.3 40.0 - 50.6 45.3 40.0 - 50.6 45.8 41.8 - 49.8	0.3 -1.7 - 2.3 MetHb ³ % mean range 0.0 -3.0 - 3.0 DNA ² 0.2 -1.8 - 2.2 0.1 -1.9 - 2.1 0.0 -3.0 - 3.0 0.9 -1.1 - 2.9
1200 Series Level 4 LOT 45072 202 Expected Values Chart Analyzers Accriva AVOXimeter 1000E AVOXimeter 4000 IL 482 682 Synthesis Series GEM OPL GEM Premier 4000 GEM Premier 5000	13.9 12.9 - 14.9 16-02-28 tHb g/dL mean range 17.7 16.4 - 19.0 17.1 15.8 - 18.4 DNA ² 15.6 14.4 - 16.8 15.5 14.3 - 16.7 17.1 15.8 - 18.4	83.9 79.9 87.9 O2Hb range 56.4 52.1 60.7 55.1 50.8 59.4 DNA ² 51.8 47.8 55.8 57.1 53.1 61.1 55.1 50.8 59.4 59.4 50.8	COHb % mean range 45.3 40.0 - 50.6 DNA ² 50.0 46.0 - 54.0 48.2 44.2 - 52.2 45.3 45.3 40.0 - 50.6 50.6	0.3 -1.7 - 2.3 MetHb ³ % mean range 0.0 -3.0 - 3.0 DNA ² 0.2 -1.8 - 2.2 0.1 -1.9 - 2.1 0.0 -3.0 - 3.0
1200 Series Level 4 LOT 45072 202 Expected Values Chart Analyzers ACcriva AVOXimeter 1000E AVOXimeter 4000 IL 482 682 Synthesis Series GEM OPL GEM Premier 4000 GEM Premier 5000 Nova	13.9 12.9 - 14.9 16-02-28 tHb g/dL mean range 17.7 16.4 - 19.0 17.1 15.8 - 18.4 DNA ² 15.6 14.4 - 16.8 15.5 14.3 - 16.7 17.1 15.8 - 18.4 15.9 14.7 - 17.1 16.2 15.0 - 17.4	83.9 79.9 - 87.9 D2Hb range 56.4 52.1 - 60.7 55.1 50.8 - 59.4 DNA ² 51.8 57.1 53.1 - 61.1 55.1 50.8 - 59.4 51.8 47.8 - 55.8 57.1 53.1 - 61.1 55.1 50.8 - 59.4 53.1 49.1 - 57.1 52.9 48.9 - 56.9	Initial Component Combo mean range 45.3 40.0 - 50.6 DNA ² 50.0 46.0 - 54.0 48.2 44.2 - 52.2 45.3 40.0 - 50.6 45.3 40.0 - 50.6 45.8 41.8 - 49.8 45.6 41.6 - 49.6 49.6	NetHb ³ mean range 0.0 -3.0 - 3.0 DNA ² 0.2 -1.8 - 2.2 0.1 -1.9 - 2.1 0.0 -3.0 - 3.0 0.9 -1.1 - 2.9 0.9 -1.1 - 2.9
1200 Series Level 4 LOT 45072 202 Expected Values Chart Analyzers ACcriva AVOXimeter 1000E AVOXimeter 4000 L 482 682 Synthesis Series GEM Premier 4000 GEM Premier 5000 Nova *Prime Plus	13.9 12.9 - 14.9 16-02-28 tHb g/dL mean range 17.7 16.4 - 19.0 17.1 15.8 - 18.4 DNA ² 15.6 14.4 - 16.8 15.5 14.3 - 16.7 17.1 15.8 - 18.4 15.9 14.7 - 17.1 16.2 15.0 - 17.4 17.6 16.1 - 19.1	83.9 79.9 - 87.9 O2Hb range 56.4 52.1 - 60.7 55.1 50.8 - 59.4 DNA ² 51.8 51.1 50.8 - 59.4 55.1 50.8 - 59.4 51.1 50.8 - 59.4 51.1 50.8 - 59.4 53.1 49.1 - 57.1 52.9 48.9 - 56.9 49.4 45.4 - 53.4	COHb % mean range 45.3 40.0 - 50.6 DNA ² 50.0 46.0 - 54.0 48.2 44.2 - 52.2 45.3 40.0 - 50.6 45.8 41.8 - 49.8 45.6 41.6 - 49.6 48.9 44.9 - 52.9 52.9 50.9	NetHb ³ mean range 0.0 -3.0 - 3.0 DNA ² 0.2 -1.8 - 2.2 0.1 -1.9 - 2.1 0.0 -3.0 - 3.0 0.9 -1.1 - 2.9 0.9 -1.1 - 2.9 1.0 0.0 - 5.0
1200 Series Level 4 LOT 45072 202 Expected Values Chart Analyzers ACcriva AVOXimeter 1000E AVOXimeter 4000 L 482 682 Synthesis Series GEM OPL GEM Premier 4000 Nova *Prime Plus *PHOX Ultra	13.9 12.9 - 14.9 16-02-28 tHb g/dL mean range 17.7 16.4 - 19.0 17.1 15.8 - 18.4 DNA ² 15.6 14.4 - 16.8 15.5 14.3 - 16.7 17.1 15.8 - 18.4 15.9 14.7 - 17.1 16.2 15.0 - 17.4	83.9 79.9 - 87.9 D2Hb range 56.4 52.1 - 60.7 55.1 50.8 - 59.4 DNA ² 51.8 57.1 53.1 - 61.1 55.1 50.8 - 59.4 51.8 47.8 - 55.8 57.1 53.1 - 61.1 55.1 50.8 - 59.4 53.1 49.1 - 57.1 52.9 48.9 - 56.9	Initial Component Combo mean range 45.3 40.0 - 50.6 DNA ² 50.0 46.0 - 54.0 48.2 44.2 - 52.2 45.3 40.0 - 50.6 45.3 40.0 - 50.6 45.8 41.8 - 49.8 45.6 41.6 - 49.6 49.6	NetHb ³ mean range 0.0 -3.0 - 3.0 DNA ² 0.2 -1.8 - 2.2 0.1 -1.9 - 2.1 0.0 -3.0 - 3.0 0.9 -1.1 - 2.9 0.9 -1.1 - 2.9
1200 Series Level 4 LOT 45072 202 Expected Values Chart Analyzers Accriva AVOXimeter 1000E AVOXimeter 4000 L 482 682 Synthesis Series GEM Premier 4000 GEM Premier 5000 Nova *Prime Plus *pHOx Ultra Radiometer	13.9 12.9 - 14.9 16-02-28 tHb g/dL mean range 17.7 16.4 - 19.0 17.1 15.8 - 18.4 DNA ² 15.6 14.4 - 16.8 15.5 14.3 - 16.7 17.1 15.8 - 18.4 15.9 14.7 - 17.1 16.2 15.0 - 17.4 17.6 16.1 - 19.1 17.1 15.6 - 18.6	83.9 79.9 - 87.9 D2Hb % range 56.4 52.1 - 60.7 55.1 50.8 - 59.4 DNA ² 51.8 57.1 53.1 - 61.1 55.1 50.8 - 59.4 51.1 50.8 - 59.4 51.1 50.8 - 59.4 52.1 50.8 - 59.4 53.1 49.1 - 57.1 52.9 48.9 - 56.9 49.4 45.4 - 53.4 56.3 52.3 - 60.3	Initial Complexity COHb % mean range 45.3 40.0 - 50.6 DNA ² 50.0 46.0 - 54.0 48.2 44.2 - 52.2 45.3 40.0 - 50.6 45.8 41.8 - 49.8 45.6 41.6 - 49.6 48.9 44.9 - 52.9 46.1 42.1 - 50.1	NetHb ³ mean range 0.0 -3.0 - 3.0 DNA ² 0.2 0.1 -1.9 - 2.1 0.0 -3.0 - 3.0 0.9 -1.1 - 2.9 0.9 -1.1 - 2.9 1.0 0.0 - 5.0 0.2 0.0 - 5.0
1200 Series Level 4 LOT 45072 202 Expected Values Chart 202 Aralyzers 202 AvOXimeter 1000E 202 AVOXimeter 1000E 202 AVOXimeter 4000 202 L 482 682 5ynthesis Series GEM Premier 4000 202 Nova * *Prime Plus * *PHOx Ultra * Radiometer ABL 700 Series	13.9 12.9 - 14.9 16-02-28 tHb g/dL mean range 17.7 16.4 - 19.0 17.1 15.8 - 18.4 DNA ² 15.6 14.4 - 16.8 15.5 14.3 - 16.7 17.1 15.8 - 18.4 15.9 14.7 - 17.1 16.2 15.0 - 17.4 17.6 16.1 - 19.1 17.1 15.6 - 18.6 15.7 14.5 - 16.9	83.9 79.9 - 87.9 O2Hb range 56.4 52.1 - 60.7 55.1 50.8 - 59.4 DNA ² 51.8 57.1 53.1 - 61.1 55.1 50.8 - 59.4 51.1 50.8 - 59.4 51.1 50.8 - 59.4 53.1 49.1 - 57.1 52.9 48.9 - 56.9 49.4 45.4 - 53.4 56.3 52.3 - 60.3 55.8 51.8 - 59.8	Initial Complexity COHb % mean range 45.3 40.0 - 50.6 DNA ² 50.0 46.0 - 54.0 48.2 44.2 - 52.2 45.3 40.0 - 50.6 45.8 41.8 - 49.8 45.6 41.6 - 49.6 48.9 44.9 - 52.9 46.1 42.1 - 50.1 44.6 40.6 - 48.6	NetHb ³ mean range 0.0 -3.0 - 3.0 DNA ² 0.2 0.1 -1.9 - 2.1 0.0 -3.0 - 3.0 0.9 -1.1 - 2.9 0.9 -1.1 - 2.9 0.1 0.0 - 5.0 0.2 0.0 - 5.0 2.5 0.5 - 4.5
1200 Series Level 4 LOT 45072 202 Expected Values Chart 202 Analyzers 202 Accriva 202 AVOXimeter 1000E 202 AVOXimeter 4000 202 L 482 682 5ynthesis Series GEM OPL 682 GEM Premier 4000 202 Nova *Prime Plus *Prime Plus *PHOX Ultra Radiometer ABL 700 Series ABL 800 Series 202	13.9 12.9 - 14.9 16-02-28 tHb g/dL mean range 17.7 16.4 - 19.0 17.1 15.8 - 18.4 DNA ² 15.6 14.4 - 16.8 15.5 14.3 - 16.7 17.1 15.8 - 18.4 15.9 14.7 - 17.1 16.2 15.0 - 17.4 17.6 16.1 - 19.1 17.1 15.6 - 18.6 15.7 14.5 - 16.9 16.2 15.0 - 17.4	83.9 79.9 - 87.9 D2Hb % range 56.4 52.1 - 60.7 55.1 50.8 - 59.4 DNA ² 51.8 47.8 - 55.8 57.1 53.1 - 61.1 55.1 50.8 - 59.4 53.1 49.1 - 57.1 52.9 48.9 - 56.9 49.4 45.4 - 53.4 56.3 52.3 - 60.3 55.8 51.8 - 59.8 54.9 50.9 - 58.9	Initial Complexity COHb % mean range 45.3 40.0 - 50.6 DNA ² 50.0 46.0 - 54.0 48.2 44.2 - 52.2 45.3 40.0 - 50.6 45.8 41.8 - 49.8 45.6 41.6 - 49.6 48.9 44.9 - 52.9 46.1 42.1 - 50.1 44.6 40.6 - 48.6	NetHb ³ mean range 0.0 -3.0 - 3.0 DNA ² 0.2 0.2 -1.8 - 2.2 0.1 -1.9 - 2.1 0.0 -3.0 - 3.0 0.9 -1.1 - 2.9 0.9 -1.1 - 2.9 1.0 0.0 - 5.0 0.2 0.0 - 5.0 2.5 0.5 - 4.5 2.8 0.8 - 4.8
1200 Series Level 4 LOT 45072 202 Expected Values Chart 202 Analyzers 400 AvOXimeter 1000E 400 AVOXimeter 4000 482 682 5ynthesis Series GEM Premier 4000 682 Synthesis Series 682 GEM Premier 5000 700 Nova *Prime Plus *Prime Plus 700 *pHOx Ultra 700 ABL 700 Series ABL 800 Series ABL 80 Series 700	13.9 12.9 - 14.9 16-02-28 17.7 16.4 - 19.0 17.7 16.4 - 19.0 17.1 15.8 - 18.4 DNA ² 15.6 14.4 - 16.8 15.5 14.3 - 16.7 17.1 15.8 - 18.4 15.9 14.7 - 17.1 16.2 15.0 - 17.4 17.6 16.1 - 19.1 17.1 15.6 - 18.6 15.7 14.5 - 16.9 16.2 15.0 - 17.4 DNA ²	83.9 79.9 - 87.9 O2Hb range mean range 56.4 52.1 - 60.7 55.1 50.8 - 59.4 DNA ² 51.8 47.8 - 55.8 57.1 53.1 - 61.1 55.1 50.8 - 59.4 53.1 49.1 - 57.1 52.9 48.9 - 56.9 49.4 45.4 - 53.4 56.3 52.3 - 60.3 55.8 51.8 - 59.8 54.9 50.9 - 58.9 DNA ²	Initial Complexity COHb % mean range 45.3 40.0 - 50.6 DNA ² 50.0 50.0 46.0 - 54.0 48.2 44.2 - 52.2 45.3 40.0 - 50.6 45.8 41.8 - 49.8 45.6 41.6 - 49.6 48.9 44.9 - 52.9 46.1 42.1 - 50.1 44.6 40.6 - 48.6 44.6 40.6 - 48.6 DNA ²	NetHb ³ mean range 0.0 -3.0 - 3.0 DNA ² -1.8 - 2.2 0.1 -1.9 - 2.1 0.0 -3.0 - 3.0 0.9 -1.1 - 2.9 0.9 -1.1 - 2.9 1.0 0.0 - 5.0 0.2 0.0 - 5.0 0.2 0.0 - 5.0 0.2 0.0 - 5.0 0.2 0.0 - 5.0 2.5 0.5 - 4.5 2.8 0.8 - 4.8 DNA ²
1200 Series Level 4 LOT 45072 202 Expected Values Chart 202 Analyzers Accriva AVOXimeter 1000E AVOXimeter 4000 AVOXimeter 4000 482 682 Synthesis Series GEM Premier 4000 GEM Premier 4000 Synthesis Series 682 Synthesis Series 682 AVOXimeter 4000 100 Ratiometer ABL 700 Series ABL 700 Series ABL 80 Series ABL 80 Series ABL 80 Series ABL 80 Series ABL 90 Series	13.9 12.9 - 14.9 16-02-28 tHb g/dL mean range 17.7 16.4 - 19.0 17.1 15.8 - 18.4 DNA ² 15.6 14.4 - 16.8 15.5 14.3 - 16.7 17.1 15.8 - 18.4 15.9 14.7 - 17.1 16.2 15.0 - 17.4 17.6 16.1 - 19.1 17.1 15.6 - 18.6 15.7 14.5 - 16.9 16.2 15.0 - 17.4	83.9 79.9 - 87.9 O2Hb range 56.4 52.1 - 60.7 55.1 50.8 - 59.4 DNA ² 51.8 57.1 53.1 - 61.1 55.1 50.8 - 59.4 53.1 49.1 - 57.1 52.9 48.9 - 56.9 49.4 45.4 - 53.4 56.3 52.3 - 60.3 55.8 51.8 - 59.8 54.9 50.9 - 58.9	Initial Complexity COHb % mean range 45.3 40.0 - 50.6 DNA ² 50.0 46.0 - 54.0 48.2 44.2 - 52.2 45.3 40.0 - 50.6 45.8 41.8 - 49.8 45.6 41.6 - 49.6 48.9 44.9 - 52.9 46.1 42.1 - 50.1 44.6 40.6 - 48.6	NetHb ³ mean range 0.0 -3.0 - 3.0 DNA ² 0.2 0.2 -1.8 - 2.2 0.1 -1.9 - 2.1 0.0 -3.0 - 3.0 0.9 -1.1 - 2.9 0.9 -1.1 - 2.9 1.0 0.0 - 5.0 0.2 0.0 - 5.0 2.5 0.5 - 4.5 2.8 0.8 - 4.8
1200 Series Level 4 LOT 45072 202 Expected Values Chart 202 Analyzers Accriva AVOXimeter 1000E AVOXimeter 4000 Lu 482 682 Synthesis Series GEM OPL GEM Premier 4000 GEM Premier 5000 Nova *Prime Plus *Prime Plus *Phox Ultra Radiometer ABL 700 Series ABL 80 Series ABL 80 Series ABL 90 Series ABL 90 Series ABL 90 Series ABL 90 Series	13.9 12.9 - 14.9 16-02-28 tHb g/dL mean range 17.7 16.4 - 19.0 17.1 15.8 - 18.4 DNA ² 15.6 14.4 - 16.8 15.5 14.3 - 16.7 17.1 15.8 - 18.4 15.9 14.7 - 17.1 16.2 15.0 - 17.4 17.6 16.1 - 19.1 17.1 15.6 - 18.6 15.7 14.5 - 16.9 16.2 15.0 - 17.4 DNA ² DNA ² DNA ²	83.9 79.9 - 87.9 O2Hb % range mean range 56.4 52.1 - 60.7 55.1 50.8 - 59.4 DNA ² 51.8 47.8 - 55.8 57.1 53.1 - 61.1 55.1 50.8 - 59.4 51.8 47.8 - 55.8 57.1 53.1 - 61.1 55.1 50.8 - 59.4 53.1 49.1 - 57.1 52.9 48.9 - 56.9 49.4 45.4 - 53.4 56.3 52.3 - 60.3 55.8 51.8 - 59.8 54.9 50.9 - 58.9 DNA ² DNA ²	COHb mean range 45.3 40.0 - 50.6 DNA ² 50.0 50.0 46.0 - 54.0 48.2 44.2 - 52.2 45.3 40.0 - 50.6 45.4 41.6 - 49.6 45.6 41.6 - 49.6 48.9 44.9 - 52.9 46.1 42.1 - 50.1 44.6 40.6 - 48.6 44.6 40.6 - 48.6 DNA ² DNA ²	NetHb ³ mean range 0.0 -3.0 - 3.0 DNA ² 0.2 0.2 -1.8 - 2.2 0.1 -1.9 - 2.1 0.0 -3.0 - 3.0 0.9 -1.1 - 2.9 0.9 -1.1 - 2.9 0.1 0.0 - 5.0 0.2 0.0 - 5.0 0.3 0.8 - 4.8 DNA ²
1200 Series Level 4 LOT 45072 202 Expected Values Chart 202 Analyzers Accriva AVOXimeter 1000E AVOXimeter 4000 Lut 482 682 Synthesis Series GEM Premier 4000 GEM Premier 5000 Nova *Prime Plus *Prime Plus *Phox Ultra Radiometer ABL 700 Series ABL 80 Series ABL 90 Series ABL 90 Series ABL 90 Series	13.9 12.9 - 14.9 16-02-28 17.7 16.4 - 19.0 17.7 16.4 - 19.0 17.1 15.8 - 18.4 DNA ² 15.6 14.4 - 16.8 15.5 14.3 - 16.7 17.1 15.8 - 18.4 15.9 14.7 - 17.1 16.2 15.0 - 17.4 17.6 16.1 - 19.1 17.1 15.6 - 18.6 15.7 14.5 - 16.9 16.2 15.0 - 17.4 DNA ² DNA ² 15.3 14.1 - 16.5	83.9 79.9 - 87.9 O2Hb % range mean range 56.4 52.1 - 60.7 55.1 50.8 - 59.4 DNA ² 51.8 47.8 - 55.8 57.1 53.1 - 61.1 55.1 50.8 - 59.4 53.1 49.1 - 57.1 52.9 48.9 - 56.9 49.4 45.4 - 53.4 56.3 52.3 - 60.3 55.8 51.8 - 59.8 54.9 50.9 - 58.9 DNA ² DNA ² 53.1 49.1 - 57.1	Interfactory Interfactory Interfactory Interfactory	NetHb ³ mean range 0.0 -3.0 - 3.0 DNA ² 0.2 0.1 -1.9 - 2.1 0.0 -3.0 - 3.0 DNA ² 0.2 0.1 -1.9 - 2.1 0.0 -3.0 - 3.0 0.9 -1.1 - 2.9 0.9 -1.1 - 2.9 1.0 0.0 - 5.0 0.2 0.0 - 5.0 2.5 0.5 - 4.5 2.8 0.8 - 4.8 DNA ² DNA ² 0.5 -1.5 - 2.5
1200 Series Level 4 LOT 45072 202 Expected Values Chart 202 Analyzers Accriva AVOXimeter 1000E AVOXimeter 4000 IL 482 682 Synthesis Series GEM Premier 4000 GEM Premier 4000 GEM Premier 5000 Nova *Prime Plus *pHOx Ultra Radiometer ABL 700 Series ABL 800 Series ABL 90 Series ABL 90 Series Roche Cobas b 221 OMNI Series Cobas b 221	13.9 12.9 - 14.9 16-02-28 tHb g/dL mean range 17.7 16.4 - 19.0 17.1 15.8 - 18.4 DNA ² 15.6 14.4 - 16.8 15.5 14.3 - 16.7 17.1 15.8 - 18.4 15.9 14.7 - 17.1 16.2 15.0 - 17.4 17.6 16.1 - 19.1 17.1 15.6 - 18.6 15.7 14.5 - 16.9 16.2 15.0 - 17.4 DNA ² DNA ² DNA ²	83.9 79.9 - 87.9 O2Hb % range mean range 56.4 52.1 - 60.7 55.1 50.8 - 59.4 DNA ² 51.8 47.8 - 55.8 57.1 53.1 - 61.1 55.1 50.8 - 59.4 51.8 47.8 - 55.8 57.1 53.1 - 61.1 55.1 50.8 - 59.4 53.1 49.1 - 57.1 52.9 48.9 - 56.9 49.4 45.4 - 53.4 56.3 52.3 - 60.3 55.8 51.8 - 59.8 54.9 50.9 - 58.9 DNA ² DNA ²	COHb mean range 45.3 40.0 - 50.6 DNA ² 50.0 50.0 46.0 - 54.0 48.2 44.2 - 52.2 45.3 40.0 - 50.6 45.4 41.6 - 49.6 45.6 41.6 - 49.6 48.9 44.9 - 52.9 46.1 42.1 - 50.1 44.6 40.6 - 48.6 44.6 40.6 - 48.6 DNA ² DNA ²	NetHb ³ mean range 0.0 -3.0 - 3.0 DNA ² 0.2 0.2 -1.8 - 2.2 0.1 -1.9 - 2.1 0.0 -3.0 - 3.0 0.9 -1.1 - 2.9 0.9 -1.1 - 2.9 0.1 0.0 - 5.0 0.2 0.0 - 5.0 0.3 0.8 - 4.8 DNA ²
1200 Series Level 4 LOT 45072 202 Expected Values Chart 202 Analyzers Accriva AVOXimeter 1000E AVOXimeter 4000 IL 482 682 Synthesis Series GEM OPL GEM Premier 4000 GEM Premier 5000 Nova *Prime Plus *prime Plus *pHOX Ultra Radiometer ABL 700 Series ABL 700 Series ABL 800 Series ABL 90 Series ABL 90 Series Roche Cobas b 221 OMNI Series Siemens	13.9 12.9 14.9 16-02-28 mean range 17.7 16.4 19.0 17.7 16.4 19.0 17.7 16.4 19.0 17.7 16.4 10.0 DNA ² DNA ² 15.6 14.4 - 16.9 16.2 15.0 17.4 DNA ² DNA ² DNA ² 15.3 14.1 - 16.5 15.3 14.1 - 16.5 15.3 14.1 - 16.5	83.9 79.9 - 87.9 O2Hb % range 56.4 52.1 - 60.7 55.1 50.8 - 59.4 DNA2 51.8 57.1 53.1 - 61.1 55.1 50.8 - 59.4 DNA2 51.8 47.8 - 55.8 57.1 53.1 - 61.1 55.1 50.8 - 59.4 53.1 49.1 - 57.1 52.9 48.9 - 56.9 49.4 45.4 - 53.4 56.3 52.3 - 60.3 55.8 51.8 - 59.8 54.9 50.9 - 58.9 DNA2 DNA2 53.1 49.1 - 57.1 54.6 50.6 - 58.6	Initial Component COHb mean range 45.3 40.0 - 50.6 DNA ² 50.0 46.0 - 54.0 48.2 44.2 - 52.2 45.3 40.0 - 50.6 45.4 41.2 - 52.2 45.3 40.0 - 50.6 45.8 41.8 - 49.8 45.6 41.6 - 49.6 48.9 44.9 - 52.9 46.1 42.1 - 50.1 44.6 40.6 - 48.6 DNA ² DNA ² 46.0 42.0 - 50.0 43.8 39.8 - 47.8	NetHb ³ mean range 0.0 -3.0 - 3.0 DNA ² 0.2 0.2 -1.8 - 2.2 0.1 -1.9 - 2.1 0.0 -3.0 - 3.0 0.9 -1.1 - 2.9 0.9 -1.1 - 2.9 0.9 -1.1 - 2.9 1.0 0.0 - 5.0 0.2 0.0 - 5.0 0.2 0.0 - 5.0 0.2 0.0 - 5.0 0.2 0.0 - 5.0 0.5 -1.5 - 2.5 1.1 -0.9 - 3.1
1200 Series Level 4 LOT 45072 202 Expected Values Chart Analyzers Accriva A AVOXimeter 1000E AVOXimeter 4000 IL 482 682 Synthesis Series GEM Premier 4000 GEM Premier 5000 Nova * *Prime Plus * *pHOx Ultra ABL 700 Series ABL 80 Series ABL 80 Series ABL 90 Series ABL 90 Series Siemens 400 Series	13.9 12.9 - 14.9 16-02-28 mean range 17.7 16.4 - 19.0 17.1 15.8 - 18.4 DNA ² 15.6 14.4 - 16.8 15.5 14.3 - 16.7 17.1 15.8 - 18.4 15.5 14.3 - 16.7 17.1 15.8 - 18.4 15.9 14.7 - 17.1 16.2 15.0 - 17.4 17.6 16.1 - 19.1 17.1 15.6 - 18.6 15.7 14.5 - 16.9 16.2 15.0 - 17.4 DNA ² DNA ² 15.3 14.1 - 16.5 15.4 14.2 - 16.6 16.9 15.7 - 18.1	83.9 79.9 - 87.9 O2Hb % range mean range 56.4 52.1 - 60.7 55.1 50.8 - 59.4 DNA ² 51.8 57.1 53.1 - 61.1 55.1 50.8 - 59.4 51.8 47.8 - 55.8 57.1 53.1 - 61.1 55.1 50.8 - 59.4 53.1 49.1 - 57.1 52.9 48.9 - 56.9 49.4 45.4 - 53.4 56.3 52.3 - 60.3 55.8 51.8 - 59.8 54.9 50.9 - 58.9 DNA ² 0NA ² 53.1 49.1 - 57.1 54.6 50.6 - 58.6 55.9 51.9 - 59.9	16.5 12.5 - 20.5 COHb mean range 45.3 40.0 - 50.6 DNA ² 50.0 50.0 46.0 - 54.0 48.2 44.2 - 52.2 45.3 40.0 - 50.6 45.8 41.8 - 49.8 45.6 41.6 - 49.6 48.9 44.9 - 52.9 46.1 42.1 - 50.1 44.6 40.6 - 48.6 DNA ² DNA ² 46.0 42.0 - 50.0 43.8 39.8 - 47.8 44.4 40.4 - 48.4	NetHb ³ mean range 0.0 -3.0 - 3.0 DNA ² 0.2 -1.8 - 2.2 0.1 -1.9 - 2.1 0.0 -3.0 - 3.0 0.9 -1.1 - 2.9 0.9 -1.1 - 2.9 0.9 -1.1 - 2.9 0.9 -1.1 - 2.9 0.9 -1.1 - 2.9 0.9 -1.1 - 2.9 0.9 -1.1 - 2.9 0.9 -1.1 - 2.9 0.9 -1.1 - 2.9 0.9 -1.1 - 2.9 0.9 -1.1 - 2.9 0.5 0.5 - 4.5 2.8 0.8 - 4.8 DNA ² DNA ² 0.5 -1.5 - 2.5 1.1 -0.9 - 3.1 0.3 -1.7 - 2.3
1200 Series Level 4 LOT 45072 202 Expected Values Chart 202 Analyzers Accriva AVOXimeter 1000E AVOXimeter 4000 IL 482 682 Synthesis Series GEM OPL GEM Premier 4000 GEM Premier 5000 Nova *Prime Plus *Prime Plus *Prime Plus *pHOX Ultra Radiometer ABL 700 Series ABL 800 Series ABL 90 Series ABL 90 Series Roche Cobas b 221 OMNI Series Siemens	13.9 12.9 14.9 16-02-28 mean range 17.7 16.4 19.0 17.7 16.4 19.0 17.7 16.4 19.0 17.7 16.4 10.0 DNA ² DNA ² 15.6 14.4 - 16.9 16.2 15.0 17.4 DNA ² DNA ² DNA ² 15.3 14.1 - 16.5 15.3 14.1 - 16.5 15.3 14.1 - 16.5	83.9 79.9 - 87.9 O2Hb % range 56.4 52.1 - 60.7 55.1 50.8 - 59.4 DNA2 51.8 57.1 53.1 - 61.1 55.1 50.8 - 59.4 DNA2 51.8 47.8 - 55.8 57.1 53.1 - 61.1 55.1 50.8 - 59.4 53.1 49.1 - 57.1 52.9 48.9 - 56.9 49.4 45.4 - 53.4 56.3 52.3 - 60.3 55.8 51.8 - 59.8 54.9 50.9 - 58.9 DNA2 DNA2 53.1 49.1 - 57.1 54.6 50.6 - 58.6	Initial Component COHb mean range 45.3 40.0 - 50.6 DNA ² 50.0 46.0 - 54.0 48.2 44.2 - 52.2 45.3 40.0 - 50.6 45.4 41.2 - 52.2 45.3 40.0 - 50.6 45.8 41.8 - 49.8 45.6 41.6 - 49.6 48.9 44.9 - 52.9 46.1 42.1 - 50.1 44.6 40.6 - 48.6 DNA ² DNA ² 46.0 42.0 - 50.0 43.8 39.8 - 47.8	NetHb ³ mean range 0.0 -3.0 - 3.0 DNA ² 0.2 0.2 -1.8 - 2.2 0.1 -1.9 - 2.1 0.0 -3.0 - 3.0 0.9 -1.1 - 2.9 0.9 -1.1 - 2.9 0.9 -1.1 - 2.9 1.0 0.0 - 5.0 0.2 0.0 - 5.0 0.2 0.0 - 5.0 0.2 0.0 - 5.0 0.2 0.0 - 5.0 0.5 -1.5 - 2.5 1.1 -0.9 - 3.1