## ARCHITECT SYSTEM ASSAY PARAMETERS (Preliminary\*)

## β-Hydroxybutyrate LiquiColor®

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Serun	n/Piasma	. OI	UTHE

GENERAL PARAMETERS   Shob		Serum/Plasma	SI Units
Assay Version: 1 Assay Type: Photometric Assay Availability: Enabled  REACTION DEFINITION Reaction Mode: END UP Primary Wavelength: 500 Secondary Wavelength: 33 Absorbance Range: 0.000-0.000 Sample Blank Type: Self Blank Assay: - Main Read Time: 15 - 31 Flex Read Time: 15 - 31 Flex Read Time: 14 - 16  REAGENT / SAMPLE Reagent: BHOB R1 Reagent Volume: 215 R1 Water Volume: 0 R2 Dispense Mode: Type 0 R2 Reagent Volume: 36 R2 Water Volume: 0 R2 Diluent Dispense Mode: Type 0 Standard Sample Volume: 6.0 1:100 1:3 Sample Volume: 2.0 1:2.95 1:10Sample Volume: 2.0 1:2.95 1:10Sample Volume: 6.0 1:10.00 Diluted Sample Volume: 6.0 Diluted Volume: 180  VALIDITY CHECKS 3.0 Reaction C heck Type: None Reaction Time A Range: Calculation Limit: Read Time B Range Minimum Absorbance: Rate Linearity %: - CALIBRATION PARAMETERS Calibration Method: Linear Linearity %: - CALIBRATION PARAMETERS Calibration Method: Linear Linearity %: - CALIBRATION PARAMETERS Calibrator Set Name BHOB Factor: Adjustment Interval Hours: 0 Default Ordering Type: None Expected Cal Factor: 0.00 Cal Level (Water) Conc.: 0 Cal Level (BHOB1) Vol.: 6.0  RESULT PARAMETER Normal Range: 0.02 - 0.27 mmol/L Result Decimal Places: 2 Correlation Factor: 1.0000			
Assay Version:   Assay Type:   Photometric			
Assay Type:		**	
Assay Availability: Enabled  REACTION DEFINITION Reaction Mode: END UP Primary Wavelength: 500 Secondary Wavelength: - Last Read Required: 33 Absorbance Range: 0.000-0.000 Sample Blank Type: Self Blank Assay: - Main Read Time: 15 - 31 Flex Read Time: - Blank Read Time: 14 - 16  REAGENT / SAMPLE Reagent: BHOB R1 Reagent Volume: 215 R1 Water Volume: 36 R2 Reagent Volume: 36 R2 Water Volume: 36 R2 Water Volume: 7ype 0 R2 Reagent Volume: 7ype 0 R2 Reagent Volume: 0. 1:100 Standard Sample Volume: 2.0 1:2.95 L10Sample Volume: 2.0 1:100 L1:3 Sample Volume: 2.0 1:100 Diluent Dispense Mode: Type 0 Diluent Dispense Mode: Type 0 Diluent Olume: 2.0 1:100 DilutedSample Volume: 2.0 1:100 DilutedSample Volume: 2.0 1:2.95 L10Sample Volume: 2.0 1:10.00 DilutedSample Volume: - Diluent Volume: 180 WALIDITY CHECKS 3.0 Reaction C heck Type: None Reaction Time A Range: - Calculation Limit: Read Time B Range Minimum Absorbance: Rate Linearity %: -  CALIBRATION PARAMETERS Calibration Method: Linear Linear Use Cal From: - Full Interval Hours: 72 Adjustment Type: None Expected Cal Factor: 0.00 Span: Max. Curve Fit: 0.00 Calibrator Set Name BHOB Factor: Adjustment Interval Hours: 0 Default Ordering Type: Full 0.0000- Blank Absorbance Range: 0.000 Cal Level (Water) Conc.: 0 Cal Level (Water) Conc.: 0 Cal Level (Water) Conc.: 0 Cal Level (Water) Conc.: 0.00 Cal Level (Water) Vol.: 6.0 Cal Level (BHOB1) Vol.: 6.0  RESULT PARAMETER Normal Range: 0.02 – 0.27 mmol/L Result Decimal Places: 2 Correlation Factor: 1.0000			
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Secondary Wavelength: Last Read Required: 33   Absorbance Range: 0.000-0.000   Sample Blank Type: Self   Blank Assay:			
Last Read Required: 33   Absorbance Range: 0.000-0.000   Sample Blank Type: Self   Blank Assay:			
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Cal Level (BHOB1) Vol.: 6.0  RESULT PARAMETER  Normal Range: 0.02 – 0.27 mmol/L  Result Decimal Places: 2  Correlation Factor:: 1.0000			
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Result Decimal Places: 2 Correlation Factor:: 1.0000	RESULT PARAMETER		
Correlation Factor:: 1.0000		0.02 - 0.27	mmol/L
Intercept: 0.0000			
	Intercept:	0.0000	

- #) Data entry by the user
- \*) Enter calibration or standard value and position
- \*\*) Factor to be checked by a calibration serum

## **Order information**

Cat. No. 2440-058

## Notes

 Please refer to the package insert of the β-Hydroxybutyrate LiquiColor<sup>®</sup> for detailed information about the test on the following:

Clinical Relevance Method and Principle Composition and Stability of the Reagents Specimens Calibrators and Controls

Performance Characteristics regarding

- Measuring RangeSpecificity/InterferencesSensitivity/Limit of Detection
- Precision (Reproducibility, Repeatability)
- Method Comparison

Reference Ranges

Literature

- The stability of the reagent on board the analyser is at least one month provided that contamination and evaporation are avoided.
- Manufactured by Stanbio Laboratory 1261 North Main Street • Boerne, Texas 78006 USA www.stanbio.com

\*Customers should be aware that this protocol has been generated by a user of our assay on an Abbott Architect analyzer and has not been validated by Stanbio Laboratory or the instrument manufacturer.

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