ARCHITECT SYSTEM ASSAY PARAMETERS (Preliminary*)

β-Hydroxybutyrate LiquiColor®

	Serum/Plasma	SI Units
GENERAL PARAMETERS		
Name:	BHOB	
Assay#:	#	
Assay Version:	1	
Assay Type:	Photometric	
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:	0	
R1 Dispense Mode:	Type 0	
R2 Reagent Volume:	36	
R2 Water Volume:	0	
R2 Dispense Mode:	Type 0	
Diluent Dispense Mode:	Type 0	
Standard Sample Volume:	6.0	1:100
1:3 Sample Volume:	2.0	1:2.95
1:10Sample Volume:	20.0	1:10.00
DilutedSample Volume :	6.0	
Diluent 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	
Use Cal From:	-	
Full Interval Hours:	72	
Adjustment Type:	None	
Expected Cal Factor:	0.00	
Exp. Cal Factor Tolerance %	0	
Span:	Blank	
Max. Curve Fit:	0.00	
Calibrator Set Name	BHOB	
Factor:		
Adjustment Interval Hours:	0	
Default Ordering Type:	Full	
	0.0000-	
Blank Absorbance Range:	0.0000	
Span Absorbance Range:	0.00 – 0.00	
Cal Level (Water) Conc.:	0	
Cal Level (Water) Vol.:	6.0	
Cal Level (BHOB1) Conc.:	1.00	
Cal Level (BHOB1) Vol.:	6.0	
RESULT PARAMETER		
Normal Range:	0.02 – 0.27	mmol/L
Result Decimal Places:	2	
Correlation Factor::	1.0000	
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

1. Please refer to the package insert of the β-Hydroxybutyrate LiquiColor® 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 Range
   - Specificity/Interferences
   - Sensitivity/Limit of Detection
   - Precision (Reproducibility, Repeatability)
   - Method Comparison

   Reference Ranges
   Literature

2. The stability of the reagent on board the analyser is at least one month provided that contamination and evaporation are avoided.

3. 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.**