

STANBIO REAGENT APPLICATION
Procedure No. 2440 (Preliminary)
β-Hydroxybutyrate LiquiColor®

HITACHI 917*
***Boehringer Mannheim Diagnostics**
Indianapolis, IN

PLEASE REFER TO THE PACKAGE INSERT FOR ADDITIONAL INFORMATION REGARDING THIS REAGENT.

Package Sizes Available

Catalog No. 2440-058 (Reagent A: 1 x 50mL), (Reagent B: 1 x 8.5mL) (Standard: 1 x 3mL)

Reagent Preparation/Stability

The β-Hydroxybutyrate reagents are provided ready-to-use. Store all reagents at 2-8°C. Use **Reagent A** as **R1** and **Reagent B** as **R3**.

Linearity

When perform as directed, this method is linear to 46.8 mg/dL.

Program 2: Chemistry Parameters

Test	[B-Hydrox]	Unit	[mg/dL]		
Data Mode	[On Board]				
Control Interval	[100]	Instr. Factor	(Y=ax +b) a [1.0]	b [0.0]	
Expected Value	<Class 1>	Expected Value	<Class 2>		
Age		M	F		
[] []	[] - []	[] - []	[] []		
[] []	[] - []	[] - []	[] []		
[0] -	[#]	[0] -	[#]	[]	
Technical Limit	<Class 1>	<Class 2>			
		[0.1] - [46.8]	[] - []		
Std.	Conc.	Pos.	Vol.	Pre Dil. Vol.	Code Lot
(1)	[0]	[#] []	[0]	[0] [#]	(1) [] []
(2)	[10.4]	[#] []	[0]	[0] [#]	(2) [] []
(3)	[]	[] [] []	[]	[] []	(3) [] []
(4)	[]	[] [] []	[]	[] []	(4) [] []
(5)	[]	[] [] []	[]	[] []	(5) [] []
(6)	[]	[] [] []	[]	[] []	(6) [] []
Test	[B-Hydrox]				
Assay Code	[2 Point End]	[10] []	Wavelength	(Sub/ Main)	
				[] / [505]	
Assay Points	[10] [16] [34] [0]		Diluent	[water]	
	<Class 1 >		<Class 2 >		
S. Vol. (Normal)	[7.5] [0] [0] []	[] []			
S. Vol. (Decrease)	[4] [0] [0] []	[] []			
S. Vol. (Increase)	[7.5] [0] [0] []	[] []			
Abs. Limit	[0]	[] []	[Increase]		
Prozone Limit	[] [34] [Lower]				
Cell Detergent	[Detergent 1]				
Reagent	R1	[270] [0] [903] [90]			
	R2	[] [0] [#] [0]			
	R3	[45] [0] [903] [90]			
	R4	[] [0] [#] [0]			
Calib. Type		[Linear]	[2] [2] [0] []		
Autocalib.					
Time Out Blank	[0]	SD Limit	[0.1]		
Span	[0]	Duplicate Limit [15%]	[100]		
2 Point	[0]	Sensitivity Limit [-99999]	[99999]		
Full	[0]	Si Abs. Limit [-32000]	[32000]		
Change Lot	[No]	Compensate Limit	[]		
Bottle	[No]				
#		User Defined			

Expected Values

0.2- 2.81 mg/dL

Due to geographic or instrument variation, it is recommended that each laboratory establish the normal range for its population.

FOR TECHNICAL ASSISTANCE CALL TOLL-FREE 1-800-531-5535 OR (830) 249-0772