

# $\beta$ -Hydroxybutyrate. Get Better Numbers.



## Know for sure if it's ketosis.

Quantitative results help you treat patients faster!

- Earlier detection of clinically significant ketosis
- Improved Emergency Room (ER) and Critical Decision Unit (CDU) throughput and efficiency
- Greater precision and sensitivity
- Results captured in your LIS



**STANBIO**  
LABORATORY  
An EKF Diagnostics Company

Visit the Beta-Hydroxybutyrate web portal at [www.stanbio.com/bhb](http://www.stanbio.com/bhb)

# Introducing the $\beta$ -Hydroxybutyrate LiquiColor<sup>®</sup> Reagent System.



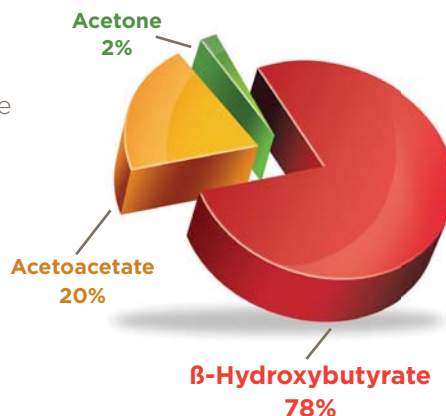
## Quantitative $\beta$ -Hydroxybutyrate results!

Nitroprusside method detects ~22% of ketones present during ketosis.

$\beta$ -Hydroxybutyrate is the main ketone produced during ketosis (~78%).

During ketosis,  $\beta$ -Hydroxybutyrate increases more than the levels of acetone and acetoacetate.

Quantitative, objective  $\beta$ -Hydroxybutyrate results provide a better tool for determining and monitoring ketosis.



### Available applications include:

- Abbott
- Beckman Coulter
- Roche
- Siemens

Use Stanbio's liquid stable reagent on any open channel analyzer and have test results captured in your LIS for easy reference.

### $\beta$ -Hydroxybutyrate LiquiColor<sup>®</sup> Reagent System

- Reagent kit R1: 1x50 mL 2440-058  
R2: 1X8.5 mL  
Std: 1X3 mL
- Bi-level controls 2465-605
- Linearity standards 2450-604

## The Stanbio Laboratory Chemistry Reagent Portfolio

Chemistry Name Reference Number	Sample Type	Linearity Limit*	On-board Stability*	CPT Code
<b>Acetaminophen</b> 2400-060	Serum	600 mg/L	21 days	82003
<b>Albumin</b> 0285-500	Serum and Plasma	6.5 g/dL	30 days	82040
<b>Alkaline Phosphatase</b> 2900-430; 2900-500	Serum and Plasma	1100 U/L	14 days	84075
<b>ALT/SGPT</b> 2930-430; 2930-500	Serum and Plasma	600 U/L	30 days	84460
<b><math>\alpha</math>-Amylase</b> 2970-430	Serum, Plasma or Urine	2000 U/L	30 days	82150
<b>AST/SGOT</b> 2920-430; 2920-500	Serum and Plasma	600 U/L	30 days	84450
<b><math>\beta</math>-Hydroxybutyrate</b> 2440-058	Serum and Plasma	4.5 mmol/L	21 days	82010
<b>Bilirubin, Direct</b> 0235-450	Serum and Plasma	10 mg/dL	30 days	82248
<b>Bilirubin, Total</b> 0230-450	Serum and Plasma	30 mg/dL	30 days	82247
<b>BUN (Mod. Berthelot)</b> 2050-450	Serum and Plasma	100 mg/dL	30 days	84520
<b>BUN (Mod. Urease)</b> 2020-430; 2020-500	Serum and Plasma	140 mg/dL	30 days	84520
<b>Calcium (Arsenazo)</b> 0155-225	Serum and Plasma	15 mg/dL	30 days	82310
<b>Calcium (CPC)</b> 0150-250	Serum, Plasma or Urine	15 mg/dL	N/A	82310
<b>Chloride</b> 0210-250	Serum, Plasma Urine or CSF	120 mEq/L	N/A	82435
<b>Cholesterol</b> 1010-430; 1010-225	Serum and Plasma	750 mg/dL	30 days	82465
<b>Cholesterol, HDL</b> 0590-040; 0590-080; 0590-500	Serum and Plasma	150 mg/dL	14 days	83718
<b>Cholesterol, LDL</b> 0710-080	Serum and Plasma	520 mg/dL	21 days	83721
<b>CK</b> 2910-430	Serum	1200 U/L	30 days	82550

Chemistry Name Reference Number	Sample Type	Linearity Limit*	On-board Stability*	CPT Code
<b>CK-MB</b> 2980-430	Serum	175 U/L	21 days	82553
<b>CK-MB (Powder)</b> 0980-103	Serum	175 U/L	N/A	82553
<b>Creatinine (Enzymatic)</b> 0430-120; 0430-500	Serum and Urine	30 mg/dL	30 days	82565
<b>Creatinine (Jaffe)</b> 0420-500	Serum and Urine	20 mg/dL	30 days	82565
<b>Gamma-GT</b> 2960-430; 2960-500	Serum and Plasma	300 U/L	30 days	82977
<b>Glucose (Hexokinase)</b> 1060-500	Serum, Plasma, Urine or CSF	500 mg/dL	30 days	82947
<b>Glucose (Trinder)</b> 1070-125; 1070-500	Serum, Plasma, or CSF	400 mg/dL	N/A	82947
<b>Hemoglobin A1c</b> 0360-040	Whole Blood	16%	30 days	83036
<b>Iron, Total</b> 0370-110	Serum and Plasma	1000 $\mu$ g/dL	30 days	83550
<b>LDH</b> 2940-430; 2940-500	Serum and Plasma	800 U/L	30 days	83615
<b>Magnesium</b> 0130-430	Serum, Plasma or Urine	4.3 mEq/L	30 days	83735
<b>Phosphorus</b> 0830-125	Serum, Plasma or Urine	20 mg/dL	30 days	84100
<b>Protein, Micro</b> 0345-212	Urine and CSF	150 mg/dL	30 days	84156 84157
<b>Protein, Total</b> 0250-500	Serum	10 g/dL	30 days	84155
<b>Salicylate</b> 2410-051	Serum	1000 mg/L	21 days	80196
<b>Triglycerides (Mono)</b> 2200-430; 2200-225	Serum and Plasma	1000 mg/dL	30 days	84478
<b>Triglycerides</b> 2100-430; 2100-225	Serum and Plasma	1000 mg/dL	30 days	84550
<b>Uric Acid</b> 1045-430; 1045-225	Serum, Plasma or Urine	20 mg/dL	30 days	84550

Specifications and information are current as of date of publication and subject to change without notice.  
\* Sirius<sup>®</sup> analyzer values. Values on other analyzers may vary.



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