

Stanbio Laboratory TDM/ β -Hydroxybutyrate Linearity Standards, Ref. No. 2450

For Use as Linearity Stds. in Quantitative Procedures for Acetaminophen, Salicylate, Theophylline, and β -Hydroxybutyrate

Summary and Principle

The Linearity Standards kit contains one set of six levels of standards comprising five concentrations of analytes and zero. These standards are clear solutions containing precisely measured amounts of analytes, such as Acetaminophen, β -Hydroxybutyrate, Salicylate, and Theophylline in an aqueous matrix. Each analyte in the standard solution has been assayed with the corresponding Stanbio Enzymatic Reagent Kit. The targeted values of the standards are indicated in the enclosed chart and the assigned values are on the respective vial labels. The standard's aqueous matrix is free of possible serum infectious matrix.

Reagents

Level 1, Ref. No. 2451 (4mL)

An aqueous matrix containing no analytes.

Level 2, Ref. No. 2452 (4mL)

Measured amounts of Acetaminophen, β -Hydroxybutyrate, Salicylate, and Theophylline in an aqueous matrix.

Level 3, Ref. No. 2453 (4mL)

Measured amounts of Acetaminophen, β -Hydroxybutyrate, Salicylate, and Theophylline in an aqueous matrix.

Level 4, Ref. No. 2454 (4mL)

Measured amounts of Acetaminophen, β -Hydroxybutyrate, Salicylate, and Theophylline in an aqueous matrix.

Level 5, Ref. No. 2455 (4mL)

Measured amounts of Acetaminophen, β -Hydroxybutyrate, Salicylate, and Theophylline in an aqueous matrix.

Level 6, Ref. No. 2456 (4mL)

Measured amounts of Acetaminophen, β -Hydroxybutyrate, Salicylate, and Theophylline in an aqueous matrix.

Precautions: For In Vitro Diagnostic Use.

Storage and Stability: Store unopened vials in refrigerator (2- 8°C) until expiration date on label.
Discard if turbidity or any change in appearance occurs.

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Procedure










Gently mix the solution by inversion. The standard is ready for use and should be treated in the same manner as a test serum sample. Replace cap and store at 2-8°C. Use only as directed.

Expected Values

The assigned values have been obtained with Stanbio Reagents. Users of other test kits have to establish their own values. The constituents of this material may interfere in tests performed with some reagents. Accurate and reproducible results depend on good laboratory technique and upon properly functioning instruments.

Analyte	Levels					
	1	2	3	4	5	6
Acetaminophen (mg/L)	0	38	75	150	300	600
β-Hydroxybutyrate (mM)	0	0.5	1	2	4	8
Salicylate (mg/L)	0	63	125	250	500	1000
Theophylline (mg/L)	0	2.5	5	10	20	40

Index of Symbols

	Attention, see instructions for use		Tests per kit		Manufactured by
	For <i>in vitro</i> diagnostic use only		Use by		Do not reuse
	Store between temperature indicated		Lot Number		Reference No.

Stanbio Laboratory • 1261 North Main Street • Boerne, Texas 78006 USA
 For Technical Service call: 1-800-531-5535 • (830) 249-0772
 Fax (830) 249-0851 • e-mail: stanbio@stanbio.com
<http://www.stanbio.com>
 RBR.2450.04 • Last Revision: 06/2015 • Procedure No. 2450

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Procedure










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