



## NEW PRODUCT RELEASE FOR SYNCHRON SYSTEMS

**PRODUCT LIST NUMBER:** 9440

**PRODUCT NAME:** MULTI-ENZYME VERIFIER KIT

**INTENDED USE:** This liquid product is intended for calibration verification of SYNCHRON DxC, LX and CX Systems and other low range serum enzyme test systems.

**KIT SIZE:** Six concentration levels, five milliliters each level

**PRICE:** \$168.00

**SHELF LIFE:** 14 months

### DESCRIPTION

Verichem's new, six level enzyme control kit is a unique product specifically developed for calibration verification of SYNCHRON DxC, LX and CX Chemistry Systems. It is also suitable for use with other low range systems. The kit contains ALP, ALT, AST, AMY, CK, GGT, LD and Lipase. Customized activities contain at least one point in the normal range. Upper limits of enzyme concentration challenge SYNCHRON Systems with the auto-dilution feature inactivated for proper reportable range verification. Liquid stabilization of the enzymes in a bovine protein matrix produces a convenient, ready-to-use product with a fourteen month shelf life.

Intermediate levels are accurately prepared by volumetric dilution of high and low activity enzyme stocks. Each activity level is then packaged in a multi-use dropper vial. The kit includes a Value Assignment Sheet with ninety-six DxC, LX and CX concentrations.

Enzyme activity is present in a known linear relation which is stated in the kit technical insert. This linear relation is constant for all assay methods and conditions creating a versatile product suitable for calibration verification of other low range chemistry systems such as Cobas Mira and Dimension.

Each kit contains one six-level Multi-Enzyme Verifier Set and one six-level Amylase/Lipase Verifier set for a total of twelve vials (12 X 5 mL). The kit also includes an organizer tray, product insert and Value Assignment Sheet.

Typical activity\* for SYNCHRON LX 20:

ANALYTE	UNITS	LEVEL A	LEVEL B	LEVEL C	LEVEL D	LEVEL E	LEVEL F
ASPARTATE AMINOTRANSFERASE (AST/GOT)	U/L	6	26	85	203	302	400
ALANINE AMINOTRANSFERASE (ALT/GPT)	U/L	6	26	85	203	302	400
ALKALINE PHOSPHATASE (ALP/AP)	U/L	15	64	212	508	754	1000
LACTATE DEHYDROGENASE (LD/LDH)	U/L	11	48	159	381	565	750
CREATINE PHOSPHOKINASE (CK/CPK)	U/L	18	77	254	609	905	1200
GAMMA GLUTAMYLTRANSFERASE (GGT/GGPT)	U/L	11	48	159	381	565	750
ALPHA-AMYLASE (AMS/AMY)	U/L	12	51	170	406	603	800
LIPASE (LP/LIP)	U/L	10	20	48	105	153	200

\*values shown are approximate

This innovative new product complements Verichem's complete line of fluids and software for calibration verification.

### ORDERING INFORMATION:

Call Verichem Laboratories Customer Service toll free at (800) 552-5859 or fax to (401) 467-1540

[www.verichemlabs.com](http://www.verichemlabs.com)

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