

LZI Hydrocodone 300 Calibrators

For Beckman Coulter, Inc.



IVD For In Vitro Diagnostic Use Only



Lin-Zhi International, Inc.

REF	Description	Quantity
C68830	LZI Hydrocodone 300 Qualitative Calibrator HYD 300 Cutoff Calibrator (300 ng/mL)	1 x 5 mL
C68831	LZI Hydrocodone 300 Semi-Quantitative Calibrator Set HYD 300 Low Calibrator (150 ng/mL) HYD 300 Cutoff Calibrator (300 ng/mL) HYD 300 Intermediate Calibrator (500 ng/mL) HYD 300 High Calibrator (800 ng/mL)	1 x 15 mL 1 x 15 mL 1 x 15 mL 1 x 15 mL

Intended Use

The LZI Hydrocodone 300 Qualitative Calibrator and LZI Hydrocodone 300 Semi-Quantitative Calibrator Set are for use as calibrators in the qualitative and semi-quantitative calibration of the LZI Hydrocodone Enzyme Immunoassay for Beckman Coulter, Inc. (Ref# C68823) on a number of automated clinical chemistry analyzers (1).

Description of the Calibrators

The LZI Hydrocodone 300 Calibrators are human urine-based liquids, and ready to use. The LZI Universal Negative Calibrator (2) is a processed drug-free human urine matrix, containing buffers, stabilizers, and less than 0.1 % of sodium azide. The calibrators are prepared by spiking known concentrations of hydrocodone into the LZI Universal Negative Calibrator.

*Actual concentrations of these calibrators are confirmed by GC/MS or LC/MS. Values are provided only as guidelines and laboratories should determine the ranges based on their own test system and tolerance (3).

Precautions and Warning

- The LZI Hydrocodone 300 Calibrators are for in vitro diagnostic use only. Harmful if swallowed.
- The calibrators contain sodium azide, which may react with lead or copper plumbing to form potentially explosive metal azide. When disposing such liquids always flush with a large volume of water to prevent azide build-up (4).
- The calibrators are prepared from non-sterile human urine. They are not tested by licensed reagents for the presence of antibodies to human immunodeficiency viruses, the hepatitis antigens, and/or anti-hepatitis antibodies. They should be handled as potentially infectious. Always use good laboratory practice to avoid any skin contact or ingestion.
- Do not use the calibrators beyond their expiration dates.
- **Rx ONLY** For USA: Federal law restricts this device to sale by or on the order of a physician.

Preparation and Storage

The calibrators are ready-to-use. No reconstitution is required. Label the cap before removal to identify it with the original bottle. The calibrators should be stored refrigerated at 2-8°C when not in use.

Stability

When stored refrigerated at 2-8°C, the calibrators are stable either opened-recapped or unopened, until the expiration date printed on the vial label. Store calibrators tightly capped when not in use. Calibrator solution dispensed in the sample cups and left on board a clinical analyzer should be discarded after use.

Procedure and Results

For qualitative calibration, use the 300 ng/mL as the cutoff calibrator. For semi-quantitative calibration, use all five calibrators including the universal negative calibrator. Recalibration should be performed after reagent bottle change, a change in calibrators or reagent lot, and after instrument maintenance is performed. For interpretation of results, refer to the appropriate LZI Hydrocodone Enzyme Immunoassay for Beckman Coulter, Inc. (Ref# C68823) package insert (1).

Limitations

The LZI Hydrocodone 300 Calibrators are for use with the LZI Hydrocodone Enzyme Immunoassay for Beckman Coulter, Inc. (Ref# C68823) to detect hydrocodone in human urine only.

Symbols Used

EC REP	Authorized Representative	COO	Country of Origin	Rx ONLY	Medical Prescription Only
	Biological Risks		Date of Manufacture	REF	Reference Number
CALIBRATOR	Calibrator	GTIN	Global Trade Item Number	SDS	Safety Data Sheet
CE	CE Mark	IVD	In Vitro Diagnostic medical device		Temperature Limits
	Consult Instructions for Use	LOT	Lot Number	T.K.	Test Kit Number
CONTENTS	Contents		Manufacturer		Use-by Date

Additional Information

Registered trademarks are the property of their respective owners.

Shipping Damage

Please notify your Beckman Coulter Clinical Support Center if this product is received damaged.

Bibliography

1. LZI Hydrocodone Enzyme Immunoassay for Beckman Coulter, Inc. (Ref# C68823) package insert.
2. LZI Universal Negative Calibrator for Beckman Coulter, Inc. (Ref# C68807) package insert.
3. Guidance for Industry, Abbreviated 510(k) Submissions for In Vitro Diagnostic Calibrators. U.S. Department of Health and Human Services. FDA, Document issued on February 22, 1999.
4. Sodium Azide. National Institute for Occupational Safety (NIOSH). Pocket Guide to Chemical Hazards. Third Printing, September 2007. Available online at: <https://www.cdc.gov/niosh/npg/default.html>

Additions, deletions, or changes are indicated by a change bar in the margin.

Notice: Adulteration of reagents, use of instruments without appropriate capabilities, or other failure to follow instructions as set forth in this labeling can affect performance characteristics, and stated or implied label claims.



Manufacturer:

Lin-Zhi International, Inc.
2945 Oakmead Village Court
Santa Clara, CA 95051
USA
Tel: (408) 970-8811
Fax: (408) 970-9030
www.lin-zhi.com



Authorized European Rep. within the EU:

CEpartner4U
Esdoornlaan 13
3951 DB Maarn
The Netherlands
www.cepartner4u.eu

© January 2021 Rev. 0

