

LZI Norketamine Controls

For Beckman Coulter, Inc.



IVD For In Vitro Diagnostic Use Only



Lin-Zhi International, Inc.

For Sales Outside USA (OUS) Only

REF		Description	Quantity
C68805	CONTROL -	LZI Norketamine Level 1 Control NKET Level 1 Control (37.5 ng/mL)	1 x 5 mL
C68806	CONTROL +	LZI Norketamine Level 2 Control NKET Level 2 Control (62.5 ng/mL)	1 x 5 mL

Intended Use

The LZI Norketamine Level 1 Control and LZI Norketamine Level 2 Control are for use as assayed quality control materials to monitor the precision of the LZI Ketamine Enzyme Immunoassay for Beckman Coulter, Inc. (Ref# C68802) on a number of automated clinical chemistry analyzers (1).

Description of the Controls

The LZI Norketamine Controls are human urine-based liquids and ready-to-use. The constituent is a processed drug-free human urine matrix containing buffers, stabilizers, and less than 0.1 % of sodium azide. The controls are prepared by spiking known concentrations of norketamine into the drug-free matrix.

*Actual concentrations of these controls 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 (2).

Precautions and Warning

- *The LZI Norketamine Controls are for in vitro diagnostic use only. Harmful if swallowed.*
- *The controls 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 (3).*
- *The controls 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 controls beyond their expiration dates.*

Preparation and Storage

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

Stability

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

Procedure and Results

Both levels of controls (37.5 ng/mL and 62.5 ng/mL) should be run daily to ensure proper assay performance. Additionally, run the controls with each new calibration and after specific maintenance or troubleshooting procedures are performed. For interpretation of results, refer to the appropriate LZI Ketamine Enzyme Immunoassay for Beckman Coulter, Inc. (Ref# C68802) package insert (1).

Limitations

The LZI Norketamine Controls are for use with the LZI Ketamine Enzyme Immunoassay for Beckman Coulter, Inc. (Ref# C68802) to detect norketamine in human urine only. Quality control materials should be used in accordance with local, state, and/or federal regulations or accreditation requirements.

Symbols Used

	Authorized Representative		Date of Manufacture		Positive Control
	Biological Risks		Global Trade Item Number		Reference Number
	CE Mark		In Vitro Diagnostic medical device		Safety Data Sheet
	Consult Instructions for Use		Lot Number		Temperature Limits
	Contents		Manufacturer		Use-by Date
	Country of Origin		Negative Control		

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 Ketamine Enzyme Immunoassay for Beckman Coulter, Inc. (Ref# C68802) package insert.
2. Guidance for Industry and FDA Staff, Assayed and Unassayed Quality Control Material. U.S. Department of Health and Human Services. FDA, Document issued on June 7, 2007.
3. 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.



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