

Certificate of Analysis

LIFECODES LSA™ MIC LSAMIC
REF 265300

LOT 11021G

 $\leq -65^{\circ}\text{C}$

 Store at $\leq -65^{\circ}\text{C}$


2012-10-31

EXP: 31-OCT-2012

LIFECODES LSA™-MIC is a bead-based immunoassay used to qualitatively detect anti-MICA IgG antibodies. Each kit consists of all reagents required for performing 24 assays. LIFECODES LSA™-MIC Beads are designed to detect anti-MICA IgG antibodies. LSA-MIC is composed of different Luminex® Beads to which purified recombinant MICA proteins are conjugated. Any retained IgG is detected by adding an anti-human IgG antibody conjugated to phycoerythrin and analyzed on the Luminex instrument. Each lot is tested following LIFECODES LSA-MIC Procedure prior to release.

CAUTION: LIFECODES LSA-MIC Beads and Conjugate Concentrate are extremely light sensitive. Minimize exposure to light.

For Research Use Only

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TEST	SPECIFICATION	LOT	Expiration
Components			
	265303 LSAMICB LSA-MIC Bead Mix (960µL)	11021G	2012-12-31
	265304 LSACJM LSA Conjugate Concentrate (120µL)	09191E	2012-10-31
	265001 LSAWB LSA Wash Buffer (25mL)	09171A	2012-12-31
	265301 LSAPCM LSA-MIC Positive Control (50µL)	03081Y	2013-03-31
	265302 LSANCM LSA-MIC Negative Control (50µL)	11300A	2012-11-30
	Worksheet: LC1018		N/A
	Plate Format Sheet: LC979	N/A	N/A
	Direction Insert: LC1017RUO	N/A	N/A

Bead Count Minimum 60 events in 60 seconds

Photobleaching No photobleaching detected

 Specificity Expected results with known sera
 Refer to a graph on the worksheet for expected reactivity of the positive control sera
 Positive reactivity with multiple antigens using LSAPCM
 Less than or equal to 10% reactivity in LSANCM

 Other Testing This lot gave positive results when tested with sera from individuals known to be immunized against MICA antigens.

 This lot gave negative results when tested with the sera of individuals known to have no immunization against MICA antigens.

All human source material used in the preparation of this kit has been tested and found negative for antibody to HIV, HCV, and HBsAg by FDA approved methods. No test method, however, can offer complete assurance that HIV, Hepatitis C virus, Hepatitis B virus, or other infectious agents are absent. Therefore, the product should be handled in the same manner as potentially infectious material.

This product conforms to the specifications indicated above.

 Quality Control: *Theresa Archuleta*

 Date: 11/16/11

 QA Release: *Riona Cassely*

 Date: 11/17/11