

Overview

Profile Information

Test ID	Reporting Name	Available Separately	Always Performed
FLAL	Limulus Lysate Assay	No	Yes
FLAL2	Limulus Lysate, 2	No	No
FLAL3	Limulus Lysate, 3	No	No
FLAL4	Limulus Lysate, 4	No	No

Testing Algorithm

If additional specimen dilutions are required to obtain an accurate result, up to 3 additional dilutions could be performed.

Method Name

Kinetic

NY State Available

Yes

Specimen

Specimen Type

Varies

Specimen Required

5 mL aqueous solution used in patient management. Send solution frozen in non-pyrogenic, plastic container.

Note:

1. Submit name of aqueous solution, and the diluent if applicable.
2. Body fluids are not acceptable.
3. Glass vials are not acceptable.

Specimen Minimum Volume

3 mL

Reject Due To

Hemolysis	NA
Lipemia	NA
Icterus	NA
Other	Glass tubes, body fluids

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Varies	Frozen	30 days	

Clinical and Interpretive

Clinical Information

The LAL is used as a quantitative test to detect gram-negative endotoxin in aqueous solutions used in patient management. The LAL assay is not recommended for serum or plasma samples due to the presence of inhibitory factors. It is essential to maintain specimen sterility and prevent false positive results from exogenous gram negative bacteria.

Reference Values

LEVEL DETECTED INTERPRETATION

<0.05 EU/mL None Detected

0.125 EU/mL Action level for dialysis water

<0.25 EU/mL Maximum allowable level for dialysis water and USP acceptable limits for injectable or irrigation water

0.25 EU/mL Action level for dialysis fluid

<0.50 EU/mL Maximum allowable level for dialysis fluid and USP acceptable limits for inhalatory water.

2.00 EU/mL Acceptable upper limit for Hemodialysis reuse water.

Performance

PDF Report

No

Day(s) Performed

Tuesday through Saturday

Report Available

1 to 7 days

Performing Laboratory Location

Quest Diagnostics Infectious Disease

Fees and Codes

Fees

- Authorized users can sign in to [Test Prices](#) for detailed fee information.
- Clients without access to Test Prices can contact [Customer Service](#) 24 hours a day, seven days a week.
- Prospective clients should contact their Regional Manager. For assistance, contact [Customer Service](#).

CPT Code Information

87999

LOINC® Information

Test ID	Test Order Name	Order LOINC Value
FLALA	Limulus Amebocyte Lysate, Endotoxin	33643-8

Result ID	Test Result Name	Result LOINC Value
Z0830	Specimen Type	31208-2
Z2440	Limulus Lysate 2	33643-8
Z2441	Limulus Lysate 3	33643-8
Z2442	Limulus Lysate 4	33643-8
Z0831	Diluent	Not Provided
Z0832	Pharmacopeia Endotoxin Limit	Not Provided
Z0819	Limulus Lysate	33643-8