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Endotoxin Quantitative Kinetic Turbidimetric Assay Report of Analysis

Product Information

Client: LARP LLC
Product Tested: Semax 20mg
Lot Number: 5HSM2011172025
Vials Tested: 2
Test Performed: PYROSTAR ES-F/Plate Kinetic Turbidimetric Assay
Test Date: 03/30/2026

Reagent Information

Lysate Product #: WPEPK4-50015
Lysate Lot #: 122412A
Lysate Exp: 12/01/2026
Lysate Sensitivity: 0.01 – 10 EU/mL
Control Standard Endotoxin (CSE) Product #: WPEPK4-50015
CSE Lot #: G-07USA
CSE Exp: 09/01/2029

KTA Test Results

Solution	Endotoxin Concentration/Added to	Concentration (EU/ml) / % Recovery
Sample/Product Solution	None (EU/mL)	**A**: <0.079, **B**: <0.079 **Average:** <0.079
Positive Product Control (PPC)	1.0 EU/mL in Product	**A**: 1.842, **B**: 1.817 **Percent Recovery:** 182.964%
Negative Control	None (EU/mL)	**A**: <0.079, **B**: <0.079

Interpretation: This test is considered valid when: the positive product control % recovery is between 50% and 200%, and both negative control concentrations do not exceed the limit of the blank value required by the lysate reagent employed (0.079 EU/ml). When sample concentrations match the negative control, samples are considered free of endotoxin.

Sample resuspended in 2 ml endotoxin free water for testing. **Average EU/ml in test solution: <0.079**

TOTAL Average Endotoxin EU in Sample: NEGATIVE

Analyst Signature: