

Certificate of Analysis

Product name: Seravue LC-SPIK ELISA Kit

Product Number: LCS-001

Lot Number: LCRUO091125

The components of this product have been tested and meet all quality specifications.

Acceptance Criteria	Performance
Calibrator Level 6	OD at 450 nm - 3.07
Calibrator Level 1	OD at 450 nm - 0.307
Positive control S2-3 media	OD at 450 nm - 3.28
Negative control - Blank	OD at 450 nm - 0.023
Intra Assay CV	$\leq 5\%$
Accuracy LLOQ (0.312 ng/mL)	109.10
Accuracy LQC (0.937 ng/mL)	98.36
Accuracy MQC (3.00 ng/mL)	87.87
Accuracy HQC (7.5 ng/mL)	96.89
LOD	0.091 ng/mL
Linearity range	5.0 – 0.312 ng/mL, $R^2 > 0.99$
Slope factor (Sensitivity)	1.485
4PL R^2	0.997

Published date: 09/11/2025

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