

Version: 01

Update: 04/22/2022

## CERTIFICATE OF ANALYSIS

### Product Information

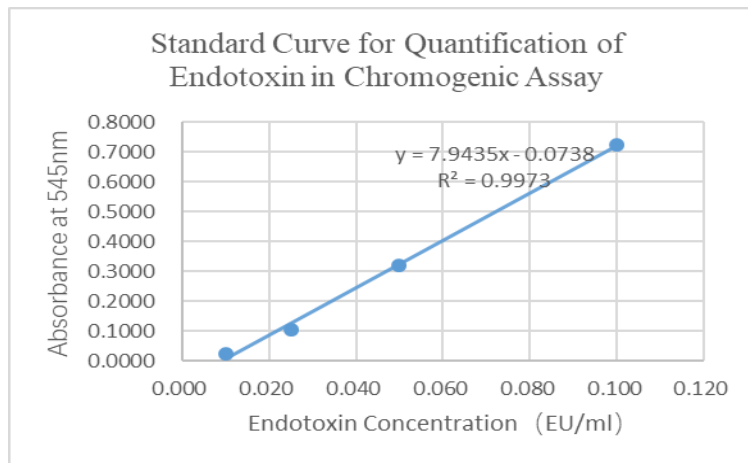
Product Name:	ToxinSensor™ Chromogenic LAL Endotoxin Assay Kit
Cat. No.:	L00350C
Lot No.:	C53602202
Exp.Date:	16-Feb-2024
Storage Condition:	(Non-reagents can be stored at RT)
Quality Release Date:	26-May-2022

### Kit Contents

Kit Components	Package Info.	Lot.No
LAL Reagent Water	50mL, 2 bottles	C50072109
LAL	1.7mL, 1vial	C50012202
<i>E. coli</i> Endotoxin Standard	30EU, 1vial	C50022202
Chromogenic Substrate	1.7mL, 1vial	C50032202
Color-stabilizer #1	10mL, 1vial	C50042202
Color-stabilizer #2	10mL, 1vial	C50052202
Color-stabilizer #3	10mL, 1vial	C50062202
Endotoxin-free tubes	5vials x 5	—
Endotoxin-free Tips, 200 µL	1 box (96 tips)	—
Endotoxin-free Tips, 1000 µL	2 bags (12tips)	—
Incubation Rack	1	—

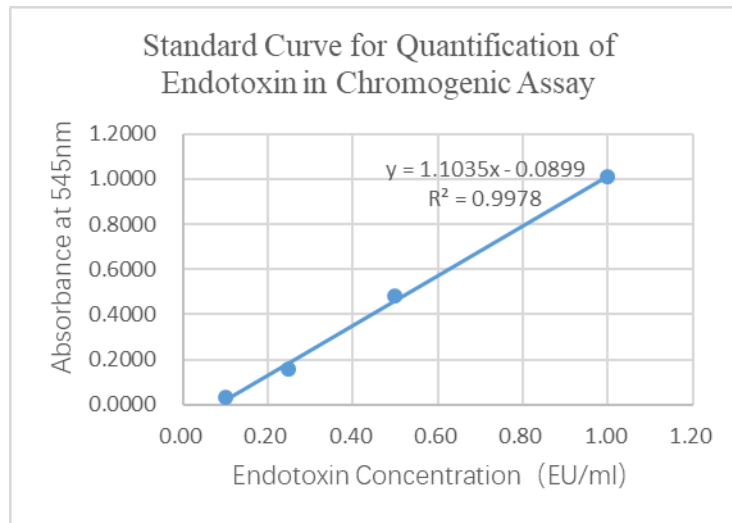
### QC Results

#### Standard Curve (0.01-0.1 EU/mL)



Test Items	Specifications	Results
0.01-0.1EU/mL(OD545 nm) T1=30min	0 EU/mL(OD545 nm)≤0.30	0.0486
	0.1 EU/mL(OD545 nm) ≥0.50	0.7254
	0.01 EU/mL(OD545 nm)> 0 EU/mL(OD545 nm)	Pass
	R ≥0.98; R <sup>2</sup> ≥0.96	Pass

### Standard Curve (0.1-1 EU/mL)



Test Items	Specifications	Results
0.1-1 EU/mL(OD545 nm) T2=10min	0 EU/mL(OD545 nm) ≤0.20	0.0469
	1 EU/mL(OD545 nm) ≥0.75	1.0095
	0.1 EU/mL(OD545 nm)> 0 EU/mL(OD545 nm)	Pass
	R ≥0.98; R <sup>2</sup> ≥0.96	Pass

*Xiyang Ma*

### Quality Control

**For research use only. Not intended for human and animal therapeutic or diagnostic use.**

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