

## Certificate of Analysis (COA)

<b>Product Name</b>	BSA (Bovine Serum Albumin) ELISA Kit	<b>LOT</b>	
		<b>production date</b>	
<b>Test Item</b>	Finished Product Full Inspection	<b>expiration date</b>	
<b>Test Basis</b>	Enterprise Standard	<b>Report Date</b>	
<b>Specification/Model</b>	96 Tests/Kit	<b>Storage conditions</b>	Box 1: 20±5 °C Box 2: 2-8 °C

  

Test Item	Enterprise Standard	Test results
Appearance	1.Labels shall be clear and easy to identify; 2.All components in the kit shall be complete and intact, with no liquid leakage or floc; 3.Aluminum foil bags shall be free from damage and air leakage	Qualified
Packaging contents and quantities	one vial of BSA detection antibody, a set of BSA standards(8 vials), one bottle of concentrated washing buffer(20×), one bottle of TMB substrate, one bottle of stop solution, 96-well plate coated with anti-BSA, two sheets of sealing film, and one instruction manual	Qualified
volume	In the composition of the kit, the volume of the liquid reagent components should be no less than the indicated value	Qualified
Correlation coefficient of the standard curve	Linear fitting, R <sup>2</sup> >0.99	Qualified
Maximum concentration	The highest concentration of the detection standard curve (50 ng/mL) had an average OD value of 450-630nm ≥ 1.5	Qualified
Blank	Test the blank wells, and the average signal of OD450-630nm should be ≤ 0.15	Qualified
Limit of Quantitation	Repeat the blank wells for 20 times, calculate the average value and standard deviation, the limit of quantification should not exceed 1.5 ng/mL	Qualified
Repetition	Precision on triplicate sample should yield the coefficient of variation (CV) for each concentration less than 10.0%	Qualified
Batch-to-batch variation	Precision on triplicate sample should yield the coefficient of variation (CV) for each concentration less than 15.0%	Qualified

  

<b>Test conclusion</b>	This product has been tested in accordance with the enterprise standards, and the results are in compliance with the regulations.
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Inspector :

Reviewer :