

BlueGene Biotech ELISA kit Troubleshoot Form

(1) PRODUCT DETAILS

Product number:

Lot.-Number:

Order Time:

Order quantity:

1. Did you repeat the experiment?

- Yes
 No

2. Did you use this product before?

- Yes
 No

3. Did the same outcome occur every time?

- Yes
 No

(2) SAMPLE DETAILS

4. Which samples did you use?

- Serum
 Plasma
 Tissue Homogenate
 Biological Fluids (Urine etc.):
 Cell Culture Supernatant
 Protein (recombinant, purified)
 Other:

5. For how long did you store your samples?

- Freshly used
 1 month~3 months
 3 months~6 months
 6months~12 months
 >1 year
 Other:

6. What conditions did you store your samples in?

Temperature

Buffer

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7. What are the groups of samples?

<input type="checkbox"/>	normal	
<input type="checkbox"/>	Model group	
<input type="checkbox"/>	patients group	
<input type="checkbox"/>	Other:	

8. Which sample species did you use?

<input type="checkbox"/>	Human	
<input type="checkbox"/>	Mouse	
<input type="checkbox"/>	Rat	
<input type="checkbox"/>	Other:	

9. Which lysis buffer did you use?

<input type="checkbox"/>	Supplied in Kit	
<input type="checkbox"/>	RIPA buffer	
<input type="checkbox"/>	SDS buffer	
<input type="checkbox"/>	Other:	

10. Did you sonicate the samples?

<input type="checkbox"/>	Yes
<input type="checkbox"/>	No

11. Which sample dilution did you use?

<input type="checkbox"/>	1:100	
<input type="checkbox"/>	1:50	
<input type="checkbox"/>	1:10	
<input type="checkbox"/>	No dilution	
<input type="checkbox"/>	Other:	

12. How did you dilute your samples? Please explain if you used standard diluent, PBS, etc.

13. How much sample (lysate) was loaded per well?

<input type="checkbox"/>	100 μ l	
<input type="checkbox"/>	40 μ l	
<input type="checkbox"/>	Other:	

14. Did you use negative and/or positive controls? If yes, please indicate the type.

<input type="checkbox"/>	Yes	Type:	
<input type="checkbox"/>	No		

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(3) PROTOCOL DETAILS

15. Were all reagents and samples brought to room temperature before use?

- Yes
 No

16. How did you perform the standard dilution?

- According to the manual
 Other:

17. How long did the final color reaction last before you added the stop solution?

- According to the manual
 30 minutes
 15 minutes
 10 minutes
 Other:

18. Did you perform any steps differently than stated in the manual?

- Yes Which ones?
 No

19. Please state the Detecting Wavelength:

- 450 nm
 Other:

(4) COMMENT

Use the box below for additional details:

(5) TEST DATA REQUIRED

- **Plate design**/ distribution of samples, controls and standards
- **Standard curve** (including test results with OD and standard concentration)
- **Sample data** (please provide the data in Excel table format)
- **% CV values** (if you encountered high variation / %CV values please indicate the replicates and state the CV values calculated)