

DBS Antigen Information form - SOP 2.3.07.2



Diagnostic BioSystems

1020 Serpentine Lane
Suite 114
Pleasanton, CA 94566
Phone: 1-925-484-3350
Fax: 1-925-484-3390
www.dbiosys.com

Please complete the following information regarding your Antigen

1. Have you ever produced an antibody to this antigen before?
Yes ___ or No ___

2. If yes, specify what type of animal and forward us information regarding your results

3. Name and Molecular Weight of Antigen:

4. Type of antigen: ___ Crude Protein ___ Protein ___ Carbohydrate ___ Lipid ___ viral
___ bacterial ___ Cell lysate ___ Recombinant ___ Fusion
Protein
___ Other _____

purity with > 70% are preferred for best results

5. Storage conditions required: ___ 4°C ___ -20°C ___ -70°C

(A) aliquot and frozen upon receipt ? ___ Yes or ___ No (**please give instructions**):

6. Antigen in lyophilized state: ___ Yes, reconstitute in _____ buffer
___ No, antigen is in _____ buffer (see note below)

Urea, tween 20, or other detergents should not be included in the buffer, since they would have a negative effect on the immunized animal(s)

7. Concentration of supplied volume _____

8. Antigen is conjugated: ___ Yes to carrier protein _____

___ OVA
___ No, conjugate to carrier protein: ___ KLH ___ BSA
___ Other (please designate: _____)

KLH will be used unless another Carrier protein is requested

No, do not conjugate _____ **(please explain below)**

9. Please give us as much of the following information as possible:

- (a) pH and solubility of antigen: _____
- (b) origin: _____
- (c) antibiotic ____no ____yes. If yes, what type _____
- (d) immunogenicity : low _____ high _____ not known _____
- (e) toxicity: low _____ high _____ not known _____

Only antigens with a biosafety level of 1 or 2 will be accepted . We do not accept live agents.
DBS will not accept antigens that are known to be bio-hazardous, pathogenic, or infectious.

10. Possibility of homology between this molecule and the animal that will be immunized.:

high ____ low ____ not known _____

11. Please include the sequence information available in the area below:

Recommended antigen amounts

Per Animal (Minimum Recommended)

Chickens 5.0mg
Rabbits 5.0mg
Goats 10mg
Sheep 10mg

The amount of antigen required is based on the protocols listed on submission forms as well as additional injections, which might be needed to boost antibody production or to continue a maintenance program longer than the stated time. The ideal concentration is 1 mg/ml within PBS or other physical buffer, the purer, the better. Please ship it in dry ice.

Please contact DBS at 925-202-4797 if you have further questions.