University of Texas at San Antonio

Institutional Animal Care and Use Committee

**APPENDIX A: *In vivo* Maintenance of Hybridomas / Ascites Formation**

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| **P.I.** |  |

**NOTE** – ***In vitro* techniques are available as alternatives to this method. Justification for choosing this *in vivo* technique must have been given in the basic protocol Application. Please also fill out Appendix F: Management of Non-Surgical Pain and Distress.**

### Will hybridomas be prepared at UTSA?

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|  | **NO** |
|  | **YES** |

##### If YES, will they be maintained *in vivo*? Please explain:

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##### If NO, where will you obtain the cell line and describe how it will be screened for pathogens:

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**Fluid accumulation associated with ascites/hybridoma should not become greater than 10% of the normal weight of a normal member of this species at a comparable age. Animals should be euthanized if they become moribund. Written justification must be presented in this section for larger fluid burdens or extended humane end-points. Increased monitoring is then required.**

### Indicate the maximum volume of fluids to be collected per sampling (ml per mouse)

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### Indicate the total number of fluid collections. Please provide a time line / schedule including the humane end-point (euthanasia)

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### Describe special procedures or considerations in caring for animals with ascites.

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### How long do you plan to maintain animals with ascites?

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### As animals may potentially experience distress, discomfort, or pain as a result of this procedure, will anesthetic, analgesic, or tranquilizing drugs be used to relieve pain or distress?

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|  | **NO** |
|  | **YES** |

##### If YES, give details:

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| --- | --- | --- | --- |
| **DRUG** | **DOSAGE** | **ROUTE** | **FREQUENCY** |
|  |  |  |  |
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##### If NO, please justify this choice (for protocols involving animal species covered by the Animal Welfare Act, this justification must be reported to the USDA in our Annual Report, to which the public has access):

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### Please identify the individual(s) who will monitor the animals and the frequency of monitoring:

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### What measures will be used to minimize discomfort, distress, pain or suffering (i.e., fluids, warming pads, soft bedding, etc.)?

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### Will animals be euthanized if moribund / severely debilitated?

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|  | **NO** |
|  | **YES** |

##### If YES, indicate the criteria used for removing an animal from the study. For example: loss of mobility; weight loss greater than 10% from baseline; tumor size greater than 1cm3, etc.

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##### If NO, please justify:

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