

SECTION N: EXEMPTION FROM ANIMAL WELFARE REGULATIONS

This section should be used to request exemptions from the Animal Welfare Act and/or Animal Welfare Standards for scientific reasons. Specify the exemption(s) that are requested and complete the related item(s) as indicated.

- Standard Housing Density [[Complete Item 1](#)]
- Cage Change Frequency [[Complete Item 2](#)]
- Allow Radios / Sound / Noise in Animal Rooms [[Complete Item 3](#)]
- Standard Environmental Conditions (temperature, humidity, light level) [[Complete Item 4](#)]
- Environmental Enrichment (bedding, toys, treats, activities) [[Complete Item 5](#)]
- Social Housing (pair or group housing) [[Complete Item 6](#)]
- Free Choice Feed or Water [[Complete Item 7](#)]
- Other, please explain:

N1. EXEMPTION FROM STANDARD HOUSING DENSITY

Specify the maximum housing density for animals in this study and describe the management plan that will be used to avoid exceeding that maximum. Include any plan to return animals to standard housing density when specified conditions are met:

For each animal or study group requiring this exemption, identify the specific group and indicate the number of animals involved:

Justification for housing these animals at a density that exceeds established guidelines:

N2. CAGE CHANGE FREQUENCY

Describe the cage change frequency that is necessary for this protocol:

N3. ALLOW RADIOS/SOUND/NOISE IN ANIMAL AREAS

Specify the type of sound to which animals will be exposed (e.g., radio, controlled sounds, random noise, etc.) and describe its nature (e.g., soft music, bell, buzzer, etc.). Indicate the volume or decibel setting, the duration of each exposure, and the frequency of animal exposure.

For each animal or study group requiring this exemption, identify the specific group and indicate the number of animals involved:

Justification for exposing animals to radio or other generated sound or noise. If the sound is a component of the experimental design or the plan for environmental enrichment, please describe its purpose.

N4. STANDARD ENVIRONMENTAL CONDITIONS

Describe the environmental condition(s) for which you request an exemption. Be specific.

For each animal or study group requiring this exemption, identify the specific group and indicate the number of animals involved:

N5. ENVIRONMENTAL ENRICHMENT (OTHER THAN SOCIAL HOUSING)

Specify the specific environmental enrichment(s) for which you request an exemption:

For each animal or study group requiring this exemption, identify the specific group and indicate the number of animals involved:

Indicate the duration of the exemption that is required for each animal and/or study group and explain the reason that particular time period is necessary.

Please describe the experimental or other scientific reasons why animals on this protocol should be exempted from standard species-specific environmental enrichment:

N6. SOCIAL HOUSING

Specify the specific housing arrangement that is requested under this exemption (e.g., single housing; restrictive housing, isolated housing, etc.) Be specific.

For each animal or study group requiring this exemption, identify the specific group and indicate the number of animals involved:

Please describe the experimental or other scientific reasons why animals on this protocol should be exempted from standard species-specific social housing and specify the length of time that the exemption must apply.

Will single housing (if single housing is being used) be for the shortest period possible?

- No
- Yes

Please indicate the anticipated maximum period for single housing, and the animals or study group to which single housing applies.

N7. FREE CHOICE FEED OR WATER

Check the specific exemption(s) identified below. Restrictions as a management or clinical activity (e.g., NPO prior to surgery; treatment of disease) do not constitute an exemption to free choice feed or water and does not require approval of the IACUC.

- Restricted feed intake
- Restricted water intake



INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

APPLICATION FOR ANIMAL USE

N8. OTHER EXEMPTIONS

Please describe the experimental or other scientific reasons why animals on this protocol should have this exemption:

For each animal or study group requiring this exemption, identify the specific group and indicate the number of animals involved:

Please describe the specific exemption that you request under the "other" category. Be specific.

For the style of exemption noted above, describe the minimum quantity of feed or water which will be provided and the frequency or schedule of provision. EXAMPLE: Water: 'x' mls/kg/day/ animal. Feed: maintain animals at 'x' % of the free feed body weight. NOTE: Provide a copy of the 'water log' or 'weight/feed log' which will be used as an email attachment.



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For the style of the exemption noted above, describe the impact of the proposed procedures upon the animals' well-being.

For the style of the exemption noted above, provide a clear scientific justification as it relates to the desired research outcomes.

For the style of the exemption noted above, provide a monitoring plan for physiologic or behavioral parameters (while animals are in a reduced intake status). EXAMPLE: weight, measures of hydration status or behavior, etc.

For the style of the exemption noted above, describe which specific criteria will be used to determine when to remove an animal from study (humane endpoints) and criteria which will result in a veterinary consult. EXAMPLE: level of weight loss, hydration state, urine specific gravity, hematocrit, behavior change, etc.



INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE APPLICATION FOR ANIMAL USE

FOR DEPRIVATION STUDIES ONLY: Describe the 'post-deprivation recovery plan' which will be used to return the animal to a state of normal hydration, body condition, etc. Include quantities, frequency, measures to assess progress, and veterinary involvement.

Check the appropriate box:

- I will notify Zoological Operations Staff PRIOR TO initiating restriction*
- I will notify Animal Health Staff PRIOR TO removing restriction*