

Nutrient Requirements Of Laboratory Animals

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Nutrient Requirements Of Laboratory Animals

This fourth revised edition of Nutrient Requirements of Laboratory Animals integrates new information gained in the latest review of the world literature on nutrient requirements of laboratory animals. At our request many individuals provided the subcommittee with published materials from theses and other sources not recovered in a standard literature search.

Overview - Nutrient Requirements of Laboratory Animals ...

2 Nutrient Requirements of the Laboratory Rat: 11-79: 3 Nutrient Requirements of the Mouse: 80-102: 4 Nutrient Requirements of the Guinea Pig: 103-124: 5 Nutrient Requirements of the Hamster: 125-139: 6 Nutrient Requirements of the Gerbil: 140-143: 7 Nutrient Requirements of the Vole: 144-148: Appendix: 149-153: Authors: 154-156: Index: 157-176

Nutrient Requirements of Laboratory Animals: Fourth ...

published, a great deal has been learned about the nutritional requirements of common laboratory species: rat, mouse, guinea pig, hamster, gerbil, and vole. The Fourth Revised Edition presents the current expert understanding of the lipid, carbohydrate, protein, mineral, vitamin, and other nutritional needs of these

Nutrient Requirements of Laboratory Animals: Fourth ...

The first edition of Nutrient Requirements of Laboratory Animals was published in 1962. It summarized the nutrient requirements of the rat, mouse, guinea pig, hamster, monkey, and cat based on an evaluation of the literature. The second revised edition was published in 1972 and updated the information presented in the first edition.

Front Matter | Nutrient Requirements of Laboratory Animals ...

In the years since the third edition of this indispensable reference was published, a great deal has been learned about the nutritional requirements of common laboratory species: rat, mouse, guinea pig, hamster, gerbil, and vole.

Nutrient Requirements of Laboratory Animals - NCBI Bookshelf

Nutrient Requirements of Laboratory Animals

(PDF) Nutrient Requirements of Laboratory Animals ...

Suggested Citation:"5 Nutrient Requirements of the Hamster." National Research Council. 1995. Nutrient Requirements of Laboratory Animals.: Fourth Revised Edition ...

Nutrient Requirements of Laboratory Animals: Fourth ...

In the 1978 edition of Nutrient Requirements of Laboratory Animals, the recommendation for the minimal concentration of calcium and phosphorus to maximize bone calcification during growth was 5 and 4 g/kg, respectively. This gives a Ca:P molar ratio of 0.96.

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Laboratory animals require about 50 nutrients in appropriate dietary concentrations. Tables detailing the estimated minimum nutrient requirements of laboratory animals are presented in this report. It is important to recognize that the estimated requirements in these tables have been determined under specific restrictive conditions.

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For example, protein requirements will be higher for young animals because they are gaining more muscle than fat. As animals reach maturity, gain then has a larger percentage of fat, and requires relatively more energy. Nutrient requirements per unit body weight are greater for younger animals. Efficiency is greatest when growth rates are very ...

Animal Requirements

Amazon.com: Nutrient Requirements of Laboratory Animals.: Fourth Revised Edition, 1995 (Nutrient Requirements of Animals) (9780309051262): National Research Council, Board on Agriculture, Committee on Animal Nutrition, Subcommittee on Laboratory Animal Nutrition: Books

Amazon.com: Nutrient Requirements of Laboratory Animals ...

Food is made up of three main macronutrients, carbohydrates, protein and lipids. All animals, including both livestock and humans, need the correct amount of each to be healthy. Animals also need...

Animal Nutrition: Requirements & Importance | Study.com

In the years since the third edition of this indispensable reference was published, a great deal has been learned about the nutritional requirements of common laboratory species: rat, mouse, guinea pig, hamster, gerbil, and vole. The Fourth Revised Edition presents the current expert understanding of the lipid, carbohydrate, protein, mineral, vitamin, and other nutritional needs of these animals.

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the basis for the nutritional requirements of farm animals and laboratory animals is are similar. All animals require energy, protein, carbohydrate, lipid, minerals, and vitamins supplied in ...

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Nutrient Requirements Of Laboratory Animals

Nutrient Requirements of Laboratory Animals: Rat, Mouse, Gerbil, Guinea Pig, Hamster, Vole, Fish Issue 10 of Nutrient requirements of domestic animals, ISSN 0148-0952 Issue 10 of Recommended nutrient allowances for domestic animals, National Research Council (U.S.). Committee on Animal Nutrition: Author: National Research Council (U.S.).

Nutrient Requirements of Laboratory Animals: Rat, Mouse ...

Animals receiving 0.9, 3.2, and 5.9 percent of protein as tryptophan, methionine, and lysine, respectively, but only 7 percent of dry matter as protein, had somewhat lower rates of growth (0.79 g/day).

Nutrient Requirements of the Vole - Nutrient Requirements ...

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