

## Nutrient Requirements Of Laboratory Animals

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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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~~Nutrient Requirements of Laboratory Animals, : Fourth ...~~

The first edition of Nutrient Requirements of Laboratory Animals was published in 1962. It ...

~~Front Matter | 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 ...~~

Nutrient Requirements of Laboratory Animals, 4th Revised Edition. 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.

~~Nutrient Requirements of Laboratory Animals, 4th Revised ...~~

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.

~~Preface | Nutrient Requirements of Laboratory Animals ...~~

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 Laboratory Animals, : Fourth ...~~

Suggested Citation:"6 Nutrient Requirements of the Gerbil."National Research Council. 1995. Nutrient Requirements of Laboratory Animals, : Fourth Revised Edition, 1995 ...

~~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.

~~Nutrient Requirements of the Laboratory Rat | Nutrient ...~~

Nutrient Requirements of Laboratory Animals, Fourth Revised Edition (1995) Laboratory Animal Management: Dogs (1994) Recognition and Alleviation of Pain and Distress in Laboratory Animals (1992) Education and Training in the Care and Use of Laboratory Animals: A

~~Guide for the Care and Use of Laboratory Animals, 8th ...~~

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

~~(PDF) Nutrient requirements, experimental design, and ...~~

Nutritional Requirements of Guinea Pigs, Hamsters and Ferrets. The Guinea pig is well known for its requirement for dietary vitamin C which makes its nutritional requirements stand out from all other common small furry pet species. Typically a minimum supplementation of 200mg/kg is recommended.

~~Nutritional Requirements of Small Animals | Premier Nutrition~~

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.

~~Nutrient Requirements of Laboratory Animals, : Fourth ...~~

Nutrient Requirements of Laboratory Animals, : Fourth Revised Edition, 1995 (Nutrient Requirements of Domestic Animals) by Board on Agriculture (1995-01-01) [Board on Agriculture; Committee on Animal Nutrition; Subcommittee on Laboratory Animal Nutrition; National Research Council] on Amazon.com. \*FREE\* shipping on qualifying offers.

~~Nutrient Requirements of Laboratory Animals, : Fourth ...~~

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 ...~~

Nutrient Requirements of Laboratory Animals: Cat Guinea Pig (Nutrient requirements of domestic animals) Microfilm - Import, January 1, 1972 by National Research Council (U.S.) (Author) See all formats and editions Hide other formats and editions. Price New from Used from Microfilm "Please retry" ...

~~Nutrient Requirements of Laboratory Animals: Cat Guinea ...~~

The estimated nutrient requirements presented in Table 3-3 provide guidelines for the adequate nutrition of mice maintained in conventional animal facilities. However, mice subjected to stress, such as drug testing or surgery, or mice maintained in a germ-free environment may have altered nutrient requirements.

~~Nutrient Requirements of the Mouse | Nutrient Requirements ...~~

Minerals can be classified into three major categories: macrominerals (sodium, potassium, calcium, phosphorus, magnesium) required in gram amounts/day, trace minerals of known importance (iron, zinc, copper, iodine, fluorine, selenium, chromium) required in mg or mcg amounts/day, and other trace minerals important in laboratory animals but that have an unclear role in companion animal nutrition (cobalt, molybdenum, cadmium, arsenic, silicon, vanadium, nickel, lead, tin). A balanced amount of ...