F E L I N E

Care and Feeding

	Number of Adults	Number of Young	Cage Dimensions* Length	Width	Height
Breeding/Lactation	1 female	4-6	Refer to 9 Code of Federal Regulations Part 3 - Animal Welfare; Standards; Final Rule		
Growing		1-2	Larger areas recommended for comfort and ease of cleaning		
Experimental		varies			

	Daily Feed Usage	Water Requirement	Begin Dry Food Consumption
Feeding Recommendations	24 gm/kg	Ad libitum. Usually 1.5-2 times the amount of dry food.	3-8 weeks

	Room Temp.	Humidity	Light	Additional Considerations
Environmental Data	16-27° C Avoid drafts	45-55%	10-12 hrs/day	Litter pan with litter. Elevated resting surfaces.

Biological Values

Blood Chemical Composition	**Water**	**Calcium** 8.94-11.62 mg/dl	**Sodium** 150-165 mEq/L	**Chloride** 112-129 mEq/L	**Phosphorus** 3.19-8.73 mg/dl	**Potassium** 3.7-5.8 mEq/L
Values are for plasma, except where noted	**Magnesium** —	**Cholesterol** 58-232 mg/dl	**Glucose** 63.1-162.1 mg/dl	**Serum Protein** 6.0-8.2 gm/dl	**Albumin** 2.5-3.9 gm/dl	**Globulin** 2.6-5.0 gm/dl

Oxygen Consumption and Body Temperature	**Observed Weight** —	**Temperature** 101.5° F (38.6° C)	**Oxygen Consumption** 0.96 liters/min	**Breathing Rate** 26 /min	**Heart Rate Adult** 110-140 /min	**Heart Rate Newborn** —

Hematological Values	**Whole Blood Volume (T-1824 dye)** 55.5 ml/kg	**Clotting Time** 65 sec.	**RBC Life Span** 66-78 days	**RBC Diameter** —	**RBC Rate of Sedimentation** —	
	Blood pH 7.35	**RBC** 5.5-10 10^6/dl	**Hematocrit** 29.3-49.8%	**Platelets** 190-400 10^3/µl	**Hb** 8.0-15.0 gm/dl	

Total and Differential White Blood Cell Counts	**Leucocytes** 5.5-19.5 10^3/µl	**Neutros** 35-75%	**Eosinos** 2-12%	**Basos** 0%	**Lymphos** 20-55%	**Monos** 1-4%

Life Cycle Information

Weight Adult Male 3.5 kg	**Weight Adult Female** 2.5 kg	**Weight at Birth** 110-120 gm	**Breeding Age Male** 36 weeks	**Breeding Age Female** 5-12 months	**Estrus Cycle** Polyestrus January - October
Gestation 63-65 days	**Weaning Age** 3-8 weeks	**Litter Size** 3-5	**Rebreed After Parturition** Next heat period	**Breeding Life Male** 6-8 years	**Breeding Life Female** 6-8 years

Mating Data: 1 male, up to 12 females in colony conditions.

Sources: Kirk, R. W. and John D. Bonagura (ed.): Current Veterinary Therapy XI. Philadelphia: W. B. Saunders, 1992.
Fox, James G., Bennett J. Cohen, and Franklin M. Loew (ed.): Laboratory Animal Medicine. Orlando: Academic Press, Inc., 1984.

* Refer to the "Guide for the Care and use of Laboratory Animals" — NIH Publication No. 85-23, Revised 1985.
Prepared by the Institute of Laboratory Animal Resources, National Research Council, 2101 Constitution Avenue, N.W., Washington, DC 20418

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