

Laboratory Rodent Diet 20

5L0B

DESCRIPTION

Laboratory Rodent Diet 20 is formulated with 20% protein diet and 4.5% fat. It is designed for rat, hamster and mouse breeding colonies. This diet is a complete life cycle diet formulated using managed formulation, delivering Constant Nutrition®. This is paired with the selection of highest quality ingredients to assure minimal inherent biological variation in long-term studies. LabDiet® 5L0B is offered in a non-irradiated pellet or meal; extruded and/or irradiated/autoclavable options also available.

Features and Benefits

- **Managed Formulation delivers Constant Nutrition®**
- High quality animal protein added to create a superior balance of amino acids for optimum performance
- Recommended for rat breeding colonies and mice not requiring a high energy diet
- LabDiet® 5L0B is a non-irradiated equivalent to 5053

Product Forms Available

- Oval pellet, (3/8"x5/8"x1"), 15 kg
- Meal (ground pellets)

Catalog

0067097

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Irradiated Versions Available

- 5053: PicoLab® Rodent Diet 20, Pelleted, 30 lb 3005740-220
- 5053: PicoLab® Rodent Diet 20, Meal, 30 lb 3005740-020
- 5R53: PicoLab® Rodent Diet 20 Extruded, 20lb 3002890-712
- 5R53: PicoLab® Rodent Diet 20 Extruded, Meal, 30lb 3005839-020
- 5061: Pico-Vac® Rodent Diet 20, Pelleted, 5 lb vacuum sealed, 6 per box, 30 lb 0006954
- 5K75: Certified PicoLab® Rodent 20, Pelleted, 30 lb 3005965-220
- 5LU7: PicoLab® Macro-Pack™ Rodent 20 75G, Pelleted, 15kg 0066400

Catalog

Non-Irradiated Versions Available

- 5R53: Rodent Diet 20 Extruded, 15 kg 3002890-748
- 50A3: Autoclavable Rodent 20 Pelleted, 30 lb 3007163-446
- 5RA3: Autoclavable Rodent 20 Extruded, 25 lb 3006933-703

Catalog

** For ordering, contact info@LabDiet.com

GUARANTEED ANALYSIS

Crude protein not less than	20.00%
Crude fat not less than	4.50%
Crude fiber not more than	6.00%
Moisture not more than	12.00%
Ash not more than	7.00%

INGREDIENTS

Ground Corn, Dehulled Soybean Meal, Wheat Middlings, Ground Wheat, Fish Meal, Dried Plain Beet Pulp, Cane Molasses, Wheat Germ, Brewers Dried Yeast, Ground Oats, Dehydrated Alfalfa Meal, Soybean Oil, Dried Whey, Calcium Carbonate, Salt, DL-Methionine, Menadione Dimethylpyrimidinol Bisulfite (Vitamin K), Choline Chloride, Pyridoxine Hydrochloride, Cholecalciferol (Vitamin D3), Vitamin A Acetate, DL-Alpha Tocopheryl Acetate (Vitamin E), Folic Acid, Thiamine Mononitrate, Manganous Oxide, Vitamin B12 Supplement, Zinc Oxide, Ferrous Carbonate, Nicotinic Acid, Riboflavin Supplement, Calcium Pantothenate, Copper Sulfate, Zinc Sulfate, Calcium Iodate, Cobalt Carbonate, Biotin, Sodium Selenite.

FEEDING DIRECTIONS

Feed ad libitum to rodents. Plenty of fresh, clean water should be available to the animals at all times.

Rats- All rats will eat varying amounts of feed depending on their genetic origin. Larger strains will eat up to 30 grams per day. Smaller strains will eat up to 15 grams per day. Feeders in rat cages should be designed to hold two to three days supply of feed at one time.

Mice-Adult mice will eat up to 5 grams of pelleted ration daily. Some of the larger strains may eat as much as 8 grams per day per animal. Feed should be available on a free choice basis in wire feeders above the floor of the cage.

Hamsters-Adults will eat up to 14 grams per day.

For information regarding shelf life please visit www.labdiet.com.

CHEMICAL COMPOSITION¹

Nutrients²

Protein, %	21.0	Chloride, %	0.53
Arginine, %	1.29	Fluorine, ppm	9.2
Cystine, %	0.36	Iron, ppm	184
Glycine, %	0.98	Zinc, ppm	79
Histidine, %	0.53	Manganese, ppm	82
Isoleucine, %	0.87	Copper, ppm	13
Leucine, %	1.58	Cobalt, ppm	0.72
Lysine, %	1.18	Iodine, ppm	0.97
Methionine, %	0.62	Chromium (added), ppm	0.01
Phenylalanine, %	0.92	Selenium, ppm	0.37
Tyrosine, %	0.61		
Threonine, %	0.79		
Tryptophan, %	0.24		
Valine, %	0.97		
Serine, %	1.00		
Aspartic Acid, %	2.23		
Glutamic Acid, %	4.26		
Alanine, %	1.20		
Proline, %	1.32		
Taurine, %	0.03		

Vitamins

Fat (ether extract), %	5.0	Carotene, ppm	1.5
Fat (acid hydrolysis), %	6.3	Vitamin K, ppm	3.3
Cholesterol, ppm	135	Thiamin, ppm	16
Linoleic Acid, %	2.32	Riboflavin, ppm	8.1
Linolenic Acid, %	0.28	Niacin, ppm	84
Arachidonic Acid, %	0.02	Pantothenic Acid, ppm	17
Omega-3 Fatty Acids, %	0.42	Choline, ppm	1575
Total Saturated Fatty Acids, %	0.77	Folic Acid, ppm	3.0
Total Monounsaturated		Pyridoxine, ppm	9.6
Fatty Acids, %	1.00	Biotin, ppm	0.30
Fiber (Crude), %	4.4	B₁₂, mcg/kg	51
Neutral Detergent Fiber ³ , %	15.5	Vitamin A, IU/gm	15
Acid Detergent Fiber ⁴ , %	5.6	Vitamin D₃ (added), IU/gm	2.3
Nitrogen-Free Extract		Vitamin E, IU/kg	99
(by difference), %	53.5	Ascorbic Acid, mg/gm	0.00
Starch, %	28.2		
Sucrose, %	2.71		
Total Digestible Nutrients, %	75.1		
Gross Energy, kcal/gm	4.11		
Physiological Fuel Value⁵,			
kcal/gm	3.43		
Metabolizable Energy,			
kcal/gm	3.02		

Minerals

Ash, %	6.0
Calcium, %	0.81
Phosphorus, %	0.61
Phosphorus (non-phytate), %	0.33
Potassium, %	1.07
Magnesium, %	0.21
Sulfur, %	0.31
Sodium, %	0.30

Calories provided by:

Protein, %	24.495
Fat (ether extract), %	13.122
Carbohydrates, %	62.382

1. Formulation based on calculated values from the latest ingredient analysis information. Since nutrient composition of natural ingredients varies and some nutrient loss will occur due to manufacturing processes, analysis will differ accordingly.
2. Nutrients expressed as percent of ration except where otherwise indicated. Moisture content is assumed to be 10.0% for the purpose of calculations.
3. NDF = approximately cellulose, hemi-cellulose and lignin.
4. ADF = approximately cellulose and lignin.
5. Physiological Fuel Value (kcal/gm) = Sum of decimal fractions of protein, fat and carbohydrate (use Nitrogen Free Extract) x 4,9,4 kcal/gm respectively.

NOTE: When assayed, actual levels may vary from calculated values.

LabDiet
www.labdiet.com