

LabDiet® JL Rat and Mouse/Auto 6F 5K67

DESCRIPTION

LabDiet® JL Rat and Mouse/Auto 6F is a 6% fat, complete life cycle diet formulated to meet the nutritional requirements of maintenance, breeding and lactation of rats and mice. The 5K67 is similar in ingredients and nutrient composition to the 5K52 which is the primary formula used by The Jackson Laboratory. This diet is fortified with vitamins to compensate for loss during autoclaving and contains silicon dioxide which reduces clumping. This diet is 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.

Features and Benefits

- [Managed Formulation delivers Constant Nutrition®](#)
- Meets the nutrient requirements for maintenance, breeding and lactation of rats and mice.
- Similar to the 5K52 which is the primary diet used at The Jackson Laboratory.
- Fortified with vitamins to account for losses during the autoclave process.
- Coated with silicon dioxide to reduce sticking and clumping during autoclaving.

Product Forms Available	Catalog #
• Oval pellet, (3/8" x 5/8" x 1"), 25 lb	0006673
Other Versions Available	Catalog #
• 5LG4: JL Rat and Mouse /Irr 6F, 30 lb	3005974-220
• 5LL4: Pico-Vac® JL Rat and Mouse /Irr 6F, 5 lb vacuum sealed, 6 per box, 30 lb	0006954
• 5KA1: JL Rat and Mouse/Auto/Irr 6F, 30 lb	** 3005967-220
** For ordering, contact info@LabDiet.com	

GUARANTEED ANALYSIS

Crude protein not less than	18.00%
Crude fat not less than	6.00%
Crude fiber not more than	5.00%
Moisture not more than	12.00%
Ash not more than	8.00%

INGREDIENTS

Ground Wheat, Ground Corn, Ground Oats, Wheat Middlings, Fish Meal, Dehulled Soybean Meal, Soybean Oil, Dehydrated Alfalfa Meal, Corn Gluten Meal, Dicalcium Phosphate, Brewers Dried Yeast, Calcium Carbonate, Menadione Dimethylpyrimidinol Bisulfite (Vitamin K), Salt, DL-Methionine, Choline Chloride, Magnesium Oxide, Thiamine Mononitrate, Pyridoxine Hydrochloride, Cholecalciferol (Vitamin D3), Silicon Dioxide, Vitamin A Acetate, Manganese Oxide, Calcium Pantothenate, Ferrous Sulfate, Calcium Iodate, DL-Alpha Tocopheryl Acetate (Vitamin E), Folic Acid, Vitamin B12 Supplement, Riboflavin-5-Phosphate, Zinc Oxide, Ferrous Carbonate, Nicotinic Acid, Copper Sulfate, Zinc Sulfate, Cobalt Carbonate, Biotin.

FEEDING DIRECTIONS

Feed ad libitum to rodents. Provide plenty of fresh clean water at all times.

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

CHEMICAL COMPOSITION¹

Nutrients²		Iron, ppm.	360
Protein, %	19.3	Zinc, ppm	82
Arginine, %	1.07	Manganese, ppm	160
Cystine, %	0.35	Copper, ppm	10
Glycine, %	0.95	Cobalt, ppm	0.82
Histidine, %	0.45	Iodine, ppm	2.2
Isoleucine, %	0.77	Chromium (added), ppm	0.01
Leucine, %	1.53	Selenium, ppm	0.40
Lysine, %	0.97		
Methionine, %	0.63	Vitamins	
Phenylalanine, %	0.85	Carotene, ppm	1.5
Tyrosine, %	0.57	Vitamin K, ppm	20
Threonine, %	0.69	Thiamin, ppm	79
Tryptophan, %	0.22	Riboflavin, ppm	9.0
Valine, %	0.90	Niacin, ppm	86
Serine, %	0.92	Pantothenic Acid, ppm	37
Aspartic Acid, %	1.85	Choline, ppm	1630
Glutamic Acid, %	4.21	Folic Acid, ppm	1.9
Alanine, %	1.18	Pyridoxine, ppm	10
Proline, %	1.40	Biotin, ppm	0.30
Taurine, %	0.05	B ₁₂ , mcg/kg	51
Fat (ether extract), %	6.3	Vitamin A, IU/gm	20
Fat (acid hydrolysis), %	7.6	Vitamin D ₃ (added), IU/gm	4.4
Cholesterol, ppm	254	Vitamin E, IU/kg	45
Linoleic Acid, %	2.87	Ascorbic Acid, mg/gm	0.0
Linolenic Acid, %	0.38		
Arachidonic Acid, %	0.03	Calories provided by:	
Omega-3 Fatty Acids, %	0.64	Protein, %	22.111
Total Saturated Fatty Acids, %	1.17	Fat (ether extract), %	16.284
Total Monounsaturated		Carbohydrates, %	61.605
Fatty Acids, %	1.38		
Fiber (Crude), %	4.0	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.	
Neutral Detergent Fiber ³ , %	15.1	2. Nutrients expressed as percent of ration except where otherwise indicated. Moisture content is assumed to be 10.0% for the purpose of calculations.	
Acid Detergent Fiber ⁴ , %	5.1	3. NDF = approximately cellulose, hemicellulose and lignin.	
Nitrogen-Free Extract		4. ADF = approximately cellulose and lignin.	
(by difference), %	53.8	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.	
Starch, %	36.4	NOTE: When assayed, actual levels may vary from calculated values.	
Sucrose, %	0.79		
Total Digestible Nutrients, %	76.2		
Gross Energy, kcal/gm	4.20		
Physiological Fuel Value⁵,			
kcal/gm	3.49		
Metabolizable Energy,			
kcal/gm	3.14		
Minerals			
Ash, %	6.6		
Calcium, %	1.35		
Phosphorus, %	0.95		
Phosphorus (non-phytate), %	0.71		
Potassium, %	0.66		
Magnesium, %	0.23		
Sulfur, %	0.29		
Sodium, %	0.28		
Chloride, %	0.49		
Fluorine, ppm	36		