LabDiet® JL Rat and Mouse/Irr 4F 5LG6*

DESCRIPTION

LabDiet® JL Rat and Mouse/Irr 4F is formulated using the unique and innovative concept of Constant Nutrition®, paired with the selection of highest quality ingredients to assure minimal inherent biological variation in long-term studies.

Features and Benefits

- Constant Nutrition® formula helps minimize nutritional variables
- 5LG6 is one of our JL breeding diet used at The Jackson Laboratory.

Product Forms Available

- Cylinder shaped pellet, 3/8" diameter x 3/4" length

Other Versions Available

- 5K54 JL Rat and Mouse Auto 4F

GUARANTEED ANALYSIS

Crude protein not less than	18.0%
Crude fat not less than	4.0%
Crude fiber not more than	5.0%
Ash not more than	8.0%
Added minerals not more than	3.0%

INGREDIENTS

Ground wheat, ground corn, wheat middlings, ground oats, fish meal, dehulled soybean meal, corn gluten meal, dehydrated alfalfa meal, soybean oil, dicalcium phosphate, monocalcium phosphate, brewers dried yeast, calcium carbonate, menadione dimethylpyrimidinol bisulfite, salt, DL-methionine, choline chloride, magnesium oxide, pyridoxine hydrochloride, cholecalciferol, thiamin mononitrate, ferrous sulfate, biotin, vitamin A acetate, calcium pantothenate, manganous oxide, vitamin B_{12} supplement, dl-alpha tocopheryl acetate, folic acid, riboflavin, nicotinic acid, zinc oxide, ferrous carbonate, copper sulfate, zinc sulfate, cobalt carbonate, calcium iodate, sodium selenite.

FEEDING DIRECTIONS

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

For Product Availability, visit www.labdiet.com.

CHEMICAL COMPOSITION

*Nutrients***

Protein, %	**19.0**
Arginine, %	0.99
Cystine, %	0.25
Glycine, %	0.92
Histidine, %	0.43
Isoleucine, %	0.83
Leucine, %	1.52
Lysine, %	0.93
Methionine, %	0.73
Phenylalanine, %	0.83
Tyrosine, %	0.54
Threonine, %	0.66
Tryptophan, %	0.22
Valine, %	0.88
Serine, %	0.93
Aspartic Acid, %	1.77
Glutamic Acid, %	4.35
Alanine, %	1.12
Proline, %	1.51
Taurine, %	0.03
Fat (ether extract), %	**4.6**
Fat (acid hydrolysis), %	**5.6**
Cholesterol, ppm	240
Linoleic Acid, %	2.07
Linolenic Acid, %	0.23
Arachidonic Acid, %	0.01
Omega-3 Fatty Acids, %	0.33
Total Saturated Fatty Acids, %	1.01
Total Monosaturated Fatty Acids, %	1.04
Fiber (Crude), %	**4.2**
Neutral Detergent Fiber[3], %	15.4
Acid Detergent Fiber[4], %	5.2
Nitrogen-Free Extract (by difference), %	**55.5**
Starch, %	40.7
Glucose, %	0.16
Fructose, %	0.19
Sucrose, %	0.58
Lactose, %	0.00
Total Digestible Nutrients, %	**73.8**
Gross Energy, kcal/gm	**4.02**
Physiological Fuel Value[5], kcal/gm	**3.40**
Metabolizable Energy, kcal/gm	**3.07**

Minerals

Ash, %	**6.3**
Calcium, %	1.17
Phosphorus, %	0.92
Phosphorus (non-phytate), %	0.68
Potassium, %	0.63
Magnesium, %	0.22
Sulfur, %	0.33
Sodium, %	0.26
Chlorine, %	0.45
Fluorine, ppm	38
Iron, ppm	370
Zinc, ppm	84
Manganese, ppm	160
Copper, ppm	10
Cobalt, ppm	0.80
Iodine, ppm	2.2
Chromium, ppm	2.0
Selenium, ppm	0.32

Vitamins

Carotene, ppm	1.5
Vitamin K (as menadione), ppm	15
Thiamin Hydrochloride, ppm	24
Riboflavin, ppm	9.1
Niacin, ppm	86
Pantothenic Acid, ppm	30
Choline Chloride, ppm	2000
Folic Acid, ppm	2.0
Pyridoxine, ppm	10
Biotin, ppm	0.30
B_{12}, mcg/kg	50
Vitamin A, IU/gm	8.0
Vitamin D_3 (added), IU/gm	4.0
Vitamin E, IU/kg	45
Ascorbic Acid, mg/gm	—

Calories provided by:

Protein, %	22.382
Fat (ether extract), %	12.192
Carbohydrates, %	65.426

*Product Code

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.

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