

DESCRIPTION

LabDiet® JL Rat and Mouse/Irr 4F 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®
- 5LG6 is one of our JL breeding diet used at The Jackson Laboratory.

Product Forms Available

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

Catalog

0036670

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%
Moisture not more than	12.0%

INGREDIENTS

Whole 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 (source of vitamin K), salt, DL-methionine, choline chloride, magnesium oxide, pyridoxine hydrochloride, cholecalciferol, thiamine mononitrate, ferrous sulfate, vitamin A acetate, biotin, calcium pantothenate, manganous oxide, calcium iodate, vitamin B₁₂ supplement, dl-alpha tocopheryl acetate (form of vitamin E), folic acid, riboflavin supplement, nicotinic acid, cobalt carbonate, zinc oxide, ferrous carbonate, copper sulfate, zinc sulfate.

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.

For Product Availability, visit www.labdiet.com.

CHEMICAL COMPOSITION

Nutrients**

Protein, %	18.5
Arginine, %	1.04
Cystine, %	0.35
Glycine, %	0.92
Histidine, %	0.44
Isoleucine, %	0.75
Leucine, %	1.49
Lysine, %	0.92
Methionine, %	0.63
Phenylalanine, %	0.83
Tyrosine, %	0.55
Threonine, %	0.66
Tryptophan, %	0.21
Valine, %	0.87
Serine, %	0.92
Aspartic Acid, %	1.81
Glutamic Acid, %	4.22
Alanine, %	1.17
Proline, %	1.42
Taurine, %	0.05
Fat (ether extract), %	4.6
Fat (acid hydrolysis), %	5.9
Cholesterol, ppm	243
Linoleic Acid, %	1.92
Linolenic Acid, %	0.25
Arachidonic Acid, %	0.02
Omega-3 Fatty Acids, %	0.49
Total Saturated Fatty Acids, %	0.90
Total Monosaturated Fatty Acids, %	1.01
Fiber (Crude), %	4.3
Neutral Detergent Fiber ³ , %	15.6
Acid Detergent Fiber ⁴ , %	5.4
Nitrogen-Free Extract (by difference), %	55.9
Starch, %	37.8
Glucose, %	0.16
Fructose, %	0.19
Sucrose, %	0.62
Lactose, %	0.00
Total Digestible Nutrients, %	73.8
Gross Energy, kcal/gm	4.02
Physiological Fuel Value⁵, kcal/gm	3.39
Metabolizable Energy, kcal/gm	3.07

Minerals

Ash, %	6.5
Calcium, %	1.28
Phosphorus, %	0.96
Phosphorus (non-phytate), %	0.71
Potassium, %	0.66
Magnesium, %	0.23

Sulfur, %	0.31
Sodium, %	0.29
Chloride, %	0.49
Fluorine, ppm	36
Iron, ppm	380
Zinc, ppm	86
Manganese, ppm	160
Copper, ppm	11
Cobalt, ppm	0.82
Iodine, ppm	2.2
Chromium (added), ppm	0.01
Selenium, ppm	0.39

Vitamins

Carotene, ppm	1.5
Vitamin K, ppm	15
Thiamin Hydrochloride, ppm	24
Riboflavin, ppm	9.0
Niacin, ppm	83
Pantothenic Acid, ppm	30
Choline Chloride, ppm	2000
Folic Acid, ppm	2.0
Pyridoxine, ppm	10
Biotin, ppm	0.30
B ₁₂ , mcg/kg	75
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, %	21.818
Fat (ether extract), %	12.206
Carbohydrates, %	65.976

*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.