

DESCRIPTION

LabDiet® JL Rat and Mouse/Irr 10F 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
- 5LG5 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

GUARANTEED ANALYSIS

Crude protein not less than	17.0%
Crude fat not less than	10.0%
Crude fiber not more than	2.5%
Ash not more than	8.0%
Added minerals not more than	3.0%

INGREDIENTS

Ground wheat, ground corn, wheat middlings, ground oats, fish meal, soybean oil, dehulled soybean meal, porcine animal fat preserved with BHA, corn gluten meal, dehydrated alfalfa meal, dicalcium phosphate, brewers dried yeast, calcium carbonate, salt, DL-methionine, choline chloride, magnesium oxide, pyridoxine hydrochloride, cholecalciferol, menadione dimethylpyrimidinol bisulfite, thiamin mononitrate, ferrous sulfate, biotin, vitamin A acetate, calcium pantothenate, manganous oxide, folic acid, dl-alpha tocopheryl acetate, vitamin B₁₂ supplement, riboflavin, nicotinic acid, zinc oxide, ferrous carbonate, copper sulfate, zinc sulfate, cobalt carbonate, calcium iodate.

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, %	18.0
Arginine, %	0.98
Cystine, %	0.23
Glycine, %	0.92
Histidine, %	0.41
Isoleucine, %	0.81
Leucine, %	1.34
Lysine, %	1.00
Methionine, %	0.76
Phenylalanine, %	0.75
Tyrosine, %	0.46
Threonine, %	0.63
Tryptophan, %	0.23
Valine, %	0.83
Serine, %	0.94
Aspartic Acid, %	1.87
Glutamic Acid, %	4.21
Alanine, %	1.06
Proline, %	1.38
Taurine, %	0.03
Fat (ether extract), %	11.0
Fat (acid hydrolysis), %	12.2
Cholesterol, ppm	270
Linoleic Acid, %	5.66
Linolenic Acid, %	0.71
Arachidonic Acid, %	0.01
Omega-3 Fatty Acids, %	0.82
Total Saturated Fatty Acids, %	2.00
Total Monosaturated	
Fatty Acids, %	2.46
Fiber (Crude), %	2.0
Neutral Detergent Fiber ³ , %	10.1
Acid Detergent Fiber ⁴ , %	2.5
Nitrogen-Free Extract	
(by difference), %	52.0
Starch, %	42.7
Glucose, %	0.14
Fructose, %	0.13
Sucrose, %	0.65
Lactose, %	0.67
Total Digestible Nutrients, %	86.6
Gross Energy, kcal/gm	4.75
Physiological Fuel Value⁵,	
kcal/gm	3.84
Metabolizable Energy,	
kcal/gm	3.64

Minerals	
Ash, %	6.4
Calcium, %	1.20
Phosphorus, %	0.80
Phosphorus (non-phytate), %	0.61
Potassium, %	0.60
Magnesium, %	0.14

Sulfur, %	0.32
Sodium, %	0.40
Chlorine, %	0.67
Fluorine, ppm	33
Iron, ppm	310
Zinc, ppm	140
Manganese, ppm	140
Copper, ppm	25
Cobalt, ppm	0.70
Iodine, ppm	1.9
Chromium, ppm	1.6
Selenium, ppm	0.38

Vitamins

Carotene, ppm	1.5
Vitamin K (as menadione), ppm	15
Thiamin Hydrochloride, ppm	24
Riboflavin, ppm	9.0
Niacin, ppm	85
Pantothenic Acid, ppm	30
Choline Chloride, ppm	2040
Folic Acid, ppm	2.0
Pyridoxine, ppm	10
Biotin, ppm	0.3
B ₁₂ , mcg/kg	47
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, %	18.804
Fat (ether extract), %	26.969
Carbohydrates, %	54.226

*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.