

LabDiet® JL Rat and Mouse/Irr 6F Pico-Vac® JL Rat and Mouse/Irr 6F

5LG4* 5LL4*

DESCRIPTION

LabDiet® JL Rat and Mouse/Irr 6F and Pico-Vac® JL Rat and Mouse/Irr 6F are diet formulas used for breeding and maintenance at The Jackson Laboratory. This diet 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
- 5LG4/5LL4 is the primary breeding diet used at The Jackson Laboratory. Specific information on strains fed can be obtained from The Jackson Laboratory.

Product Forms Available

- Cylinder shaped pellet - 3/8" diameter by 3/4" length
Packages:
5LG4 - 25 lb Cap Sack®
5LL4 - 5 lb vacuum sealed, 6 per box (30lb box)

Other Versions Available

- 5K52 JL Rat and Mouse Auto 6F
- 5K67 JL Rat and Mouse Auto 6F Oval
- 5L1T JL Rat and Mouse Irr 6F Oval (2 ton Min)
- 5K0Q JL 6% Oval

GUARANTEED ANALYSIS

| | |
|------------------------------|-------|
| Crude protein not less than | 18.0% |
| Crude fat not less than | 6.0% |
| 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, soybean oil, corn gluten meal, dehydrated alfalfa meal, 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, vitamin A acetate, biotin, calcium pantothenate, manganous oxide, dl-alpha tocopheryl acetate, folic acid, 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, % | 19.3 |
| Arginine, % | 1.03 |
| Cystine, % | 0.25 |
| Glycine, % | 0.94 |
| Histidine, % | 0.44 |
| Isoleucine, % | 0.87 |
| Leucine, % | 1.52 |
| Lysine, % | 0.97 |
| Methionine, % | 0.73 |
| Phenylalanine, % | 0.85 |
| Tyrosine, % | 0.56 |
| Threonine, % | 0.68 |
| Tryptophan, % | 0.23 |
| Valine, % | 0.90 |
| Serine, % | 0.98 |
| Aspartic Acid, % | 1.87 |
| Glutamic Acid, % | 4.52 |
| Alanine, % | 1.13 |
| Proline, % | 1.53 |
| Taurine, % | 0.03 |
| Fat (ether extract), % | 6.2 |
| Fat (acid hydrolysis), % | 7.2 |
| Cholesterol, ppm | 240 |
| Linoleic Acid, % | 2.88 |
| Linolenic Acid, % | 0.37 |
| Arachidonic Acid, % | 0.01 |
| Omega-3 Fatty Acids, % | 0.46 |
| Total Saturated Fatty Acids, % | 1.24 |
| Total Monosaturated | |
| Fatty Acids, % | 1.37 |
| Fiber (Crude), % | 4.3 |
| Neutral Detergent Fiber ³ , % | 15.1 |
| Acid Detergent Fiber ⁴ , % | 5.2 |
| Nitrogen-Free Extract | |
| (by difference), % | 53.6 |
| Starch, % | 38.9 |
| Glucose, % | 0.12 |
| Fructose, % | 0.15 |
| Sucrose, % | 0.62 |
| Lactose, % | 0.00 |
| Total Digestible Nutrients, % | 76.3 |
| Gross Energy, kcal/gm | 4.17 |
| Physiological Fuel Value⁵, kcal/gm | 3.47 |
| Metabolizable Energy, kcal/gm | 3.17 |

Minerals

| | |
|-----------------------------|------------|
| Ash, % | 6.5 |
| Calcium, % | 1.17 |
| Phosphorus, % | 0.93 |
| Phosphorus (non-phytate), % | 0.68 |
| Potassium, % | 0.66 |
| Magnesium, % | 0.22 |

| | |
|----------------|------|
| Sulfur, % | 0.33 |
| Sodium, % | 0.26 |
| Chlorine, % | 0.45 |
| Fluorine, ppm | 37 |
| Iron, ppm | 380 |
| Zinc, ppm | 85 |
| Manganese, ppm | 160 |
| Copper, ppm | 11 |
| Cobalt, ppm | 0.80 |
| Iodine, ppm | 2.1 |
| Chromium, ppm | 2.0 |
| Selenium, ppm | 0.30 |

Vitamins

| | |
|---------------------------------------|------|
| Carotene, ppm | 1.5 |
| Vitamin K (as menadione), ppm | 15 |
| Thiamin Hydrochloride, ppm | 24 |
| Riboflavin, ppm | 9.0 |
| Niacin, ppm | 80 |
| Pantothenic Acid, ppm | 30 |
| Choline Chloride, ppm | 1900 |
| Folic Acid, ppm | 1.7 |
| Pyridoxine, ppm | 6.5 |
| Biotin, ppm | 0.30 |
| B ₁₂ , mcg/kg | 30 |
| Vitamin A, IU/gm | 8.0 |
| Vitamin D ₃ (added), IU/gm | 3.5 |
| Vitamin E, IU/kg | 38 |
| Ascorbic Acid, mg/gm | — |

Calories provided by:

| | |
|------------------------|--------|
| Protein, % | 22.238 |
| Fat (ether extract), % | 16.028 |
| Carbohydrates, % | 61.734 |

*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.