Select Rodent 50 IF/6F Auto 5V0F

DESCRIPTION

Select Rodent Diet 50 IF/6F Auto Diet is a minimum of 18% protein diet, formulated for rat and mouse colonies where dietary isoflavone levels need to be assured and verified for estrogen-sensitive protocols. This diet is a complete life cycle diet 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®
- Formulated with a minimum of 18% protein
- Verified to contain a targeted level of 50 ppm total isoflavones (genistein, daidzein and glycitein)
- Provides proper nutrition for estrogen-sensitive protocols
- Fortified with vitamins to account for losses during the autoclave process.
- Contains no soybean meal, alfalfa, or fish or meat meals.

Product Forms Available	*Catalog #*
• Extruded, 20 lb	3002875-713
When autoclaving, the diet should be removed from the packaging and placed into smaller bags intended for autoclaving.	
Irradiated Versions Available	***Catalog #***
• Extruded, 15 lb	**3002875-742
When autoclaving, the diet should be removed from the packaging and placed into smaller bags intended for autoclaving.	
• 5V5R: PicoLab® Select Rodent 50 IF/6F, 30 lb	3005954-220
• 5V5R: PicoLab® Select Rodent 50 IF/6F, Extruded, 25 lb	3002906-703
• 5V5R: Pico-Vac® Select Rodent 50 IF/6F, 5 lb vacuum sealed, 6 per box, 30 lb	0052904
• 5V5R: PicoLab® Select Rodent 50 IF/6F, Meal (ground pellets), 30 lb	3005954-020
Non-Irradiated Versions Available	***Catalog #***
• 5V5R: Select Rodent 50 IF/6F Extruded, 15 kg	3002906-704

** For ordering, contact info@LabDiet.com

GUARANTEED ANALYSIS

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

INGREDIENTS

Ground Wheat, Ground Corn, Corn Gluten Meal, Wheat Middlings, Soybean Oil, Calcium Carbonate, Dicalcium Phosphate, Brewers Dried Yeast, L-Lysine, Menadione Dimethylpyrimidinol Bisulfite (Vitamin K), Salt, Potassium Chloride, Chromium Potassium Sulfate, Pyridoxine Hydrochloride, DL-Methionine, Choline Chloride, Thiamine Mononitrate, L-Tryptophan, Casein, Magnesium Oxide, Calcium Pantothenate, Vitamin A Acetate, Folic Acid, Cholecalciferol (Vitamin D3), DL-Alpha Tocopheryl Acetate (Vitamin E), Vitamin B12 Supplement, Riboflavin Supplement, Manganous Oxide, Preserved with Mixed Tocopherols, Zinc Oxide, Ferrous Carbonate, Citric Acid (a Preservative), Nicotinic Acid, Copper Sulfate, Ferrous Sulfate, Zinc Sulfate, Calcium Iodate, Rosemary Extract, Biotin, Cobalt Carbonate, Sodium Selenite.

FEEDING DIRECTIONS

Feed ad libitum. Plenty of fresh, clean water should be available to the animals at all times.

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

Verified lots have password protected isoflavone levels posted at www.labdiet.com. Contact info@labdiet.com for further information.

CHEMICAL COMPOSITION[1]

Nutrients[2]

Protein, %	**19.0**
Arginine, %	0.70
Cystine, %	0.37
Glycine, %	0.58
Histidine, %	0.39
Isoleucine, %	0.76
Leucine, %	2.33
Lysine, %	1.16
Methionine, %	0.61
Phenylalanine, %	1.01
Tyrosine, %	0.71
Threonine, %	0.60
Tryptophan, %	0.26
Valine, %	0.85
Serine, %	0.99
Aspartic Acid, %	1.36
Glutamic Acid, %	4.79
Alanine, %	1.44
Proline, %	1.93
Taurine, %	0.00
Fat (ether extract), %	**6.1**
Fat (acid hydrolysis), %	**7.7**
Cholesterol, ppm	0
Linoleic Acid, %	3.32
Linolenic Acid, %	0.41
Arachidonic Acid, %	0.01
Omega-3 Fatty Acids, %	0.38
Total Saturated Fatty Acids, %	1.00
Total Monounsaturated Fatty Acids, %	1.49
Fiber (Crude), %	**2.4**
Neutral Detergent Fiber[3], %	12.3
Acid Detergent Fiber[4], %	3.7
Nitrogen-Free Extract (by difference), %	**57.5**
Starch, %	43.3
Sucrose, %	0.32
Total Digestible Nutrients,%	**79.3**
Gross Energy, kcal/gm	**4.32**
Physiological Fuel Value[5], kcal/gm	**3.61**
Metabolizable Energy, kcal/gm	**3.41**

Minerals

Ash, %	**5.0**
Calcium, %	1.05
Phosphorus, %	0.55
Phosphorus (non-phytate), %	0.34
Potassium, %	0.52
Magnesium, %	0.18
Sulfur, %	0.21
Sodium, %	0.22
Chloride, %	0.75
Fluorine, ppm	23
Iron, ppm	240
Zinc, ppm	110
Manganese, ppm	140
Copper, ppm	15
Cobalt, ppm	0.47
Iodine, ppm	1.5
Chromium (added), ppm	0.97
Selenium, ppm	0.33

Vitamins

Carotene, ppm	2.5
Vitamin K, ppm	22
Thiamin, ppm	124
Riboflavin, ppm	27
Niacin, ppm	120
Pantothenic Acid, ppm	140
Choline, ppm	2000
Folic Acid, ppm	8.6
Pyridoxine, ppm	26
Biotin, ppm	0.90
B_{12}, mcg/kg	130
Vitamin A, IU/gm	30
Vitamin D_3 (added), IU/gm	2.3
Vitamin E, IU/kg	140
Ascorbic Acid, mg/gm	0.00

Calories provided by:

Protein, %	21.051
Fat (ether extract), %	15.279
Carbohydrates, %	63.670

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 carbo- hydrate (use Nitrogen Free Extract) x 4,9,4 kcal/gm respectively.

NOTE: When assayed, actual levels may vary from calculated values.

LabDiet®
www.labdiet.com