

DESCRIPTION

An "Atkins-type" rodent diet based on AIN-93G, with approximate energy (kcal) from protein 28%, fat 56%, and carbohydrate 16%. (Protein:Fat = 1:2) The amount of micro-nutrients (vitamins & minerals), protein, fiber, and cholesterol per calorie remains the same as the Western diet. Dyed Blue.

Storage conditions are particularly critical to TestDiet® products, due to the absence of antioxidants or preservative agents. To provide maximum protection against possible changes during storage, store in a dry, cool location. Storage under refrigeration (2° C) is recommended. Maximum shelf life is six months. (If long term studies are involved, storing the diet at -20° C or colder may prolong shelf life.) Be certain to keep in air tight containers.

Product Forms Available*	Catalog #
1/2" Pellet	1810843
Meal	1810851

*Other Forms Available By Request

INGREDIENTS

Casein - Vitamin Free	37.7492
Corn Starch	12.4434
Milk Fat	9.2594
Crisco	9.2594
Lard	9.2594
AIN93G Mineral Mix/Fiber	4.3658
Dextrin	4.1322
Sucrose	3.1304
Powdered Cellulose	2.7080
Inulin	2.7080
Soybean Oil	1.9445
AIN93G Vitamin Mix/Fiber	1.2552
Corn Oil	0.8333
L-Cystine	0.5662
Choline Bitartrate	0.2166
Cholesterol	0.1625
Blue Dye	0.0050
t-Butylhydroquinone	0.0015

Part of the calorie-balanced "TestDiet 21st Century Western Diet Series"

21st Century AIN-93G - 5TJM
 Western Diet for Rodents - 5TJN
 High-Fat Ketogenic Diet (Rodent) - 5TJQ
 High-Protein Ketogenic Diet (Rodent) - 5TJR
 Low-Fat Control for Western Diet - 5TJS
 High Cholesterol (1%) Western Diet - 5TJT
 Very Hi Prot/Mod Fat/Low Carb Western Diet - 5TJU

FEEDING DIRECTIONS

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

CAUTION:

Perishable - store properly upon receipt. For laboratory animal use only, not for human consumption.

NUTRITIONAL PROFILE ¹

Protein, %	34.6	Minerals	
Arginine, %	1.32	Calcium, %	0.62
Histidine, %	0.97	Phosphorus, %	0.50
Isoleucine, %	1.81	Phosphorus (available), %	0.30
Leucine, %	3.26	Potassium, %	0.45
Lysine, %	2.74	Magnesium, %	0.06
Methionine, %	0.97	Sodium, %	0.13
Cystine, %	0.71	Chlorine, %	0.20
Phenylalanine, %	1.81	Fluorine, ppm	1.3
Tyrosine, %	1.91	Iron, ppm	48
Threonine, %	1.46	Zinc, ppm	50
Tryptophan, %	0.42	Manganese, ppm	13
Valine, %	2.15	Copper, ppm	7.5
Alanine, %	1.04	Cobalt, ppm	0.0
Aspartic Acid, %	2.43	Iodine, ppm	0.26
Glutamic Acid, %	7.71	Chromium, ppm	1.2
Glycine, %	0.73	Molybdenum, ppm	0.19
Proline, %	4.45	Selenium, ppm	0.00
Serine, %	2.08		
Taurine, %	0.00		

Fat, %	30.3	Vitamins	
Cholesterol, ppm	1,958	Vitamin A, IU/g	8.5
Linoleic Acid, %	2.59	Vitamin D-3 (added), IU/g	1.3
Linolenic Acid, %	0.24	Vitamin E, IU/kg	94.1
Arachidonic Acid, %	0.03	Vitamin K (as menadione), ppm	0.36
Omega-3 Fatty Acids, %	0.20	Thiamin Hydrochloride, ppm	7.5
Total Saturated Fatty Acids, %	9.82	Riboflavin, ppm	7.5
Total Monounsaturated Fatty Acids, %	6.58	Niacin, ppm	38
		Pantothenic Acid, ppm	18
		Folic Acid, ppm	2.5
		Pyridoxine, ppm	7.2
		Biotin, ppm	0.3
		Vitamin B-12, mcg/kg	31
		Choline Chloride, ppm	1,083
		Ascorbic Acid, ppm	0.0

Fiber (max), %	7.6
Carbohydrates, %	19.7
Energy (kcal/g) ²	4.89
From:	kcal %
Protein	1.382 28.3
Fat (ether extract)	2.728 55.8
Carbohydrates	0.788 16.1

1. Based on the latest ingredient analysis information. Since nutrient composition of natural ingredients varies, analysis will differ accordingly. Nutrients expressed as percent of ration on an As Fed basis except where otherwise indicated.

2. Energy (kcal/gm) - Sum of decimal fractions of protein, fat and carbohydrate x 4,9,4 kcal/gm respectively.