

## DESCRIPTION

A high-fat Ketogenic diet based on AIN-93G, with all carbohydrates removed. Approximate energy from fat 84%, carbohydrate 0%, protein 16%. (Protein:Fat ≈ 1:5) The amount of micro-nutrients (vitamins & minerals), protein, fiber, and cholesterol per calorie remains the same as the Western diet. Dyed Light Orange.

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 #
Dough Consistency	1810844

\*Other Forms Available By Request

## INGREDIENTS

Casein - Vitamin Free	27.2279
Lard	17.5567
Milk Fat	17.5567
Crisco	17.5567
AIN93G Mineral Mix/Fiber	5.5147
Soybean Oil	3.6869
Powdered Cellulose	3.4206
Inulin	3.4206
AIN93G Vitamin Mix/Fiber	1.5855
Corn Oil	1.5801
L-Cystine	0.4084
Choline Bitartrate	0.2736
Cholesterol	0.2052
Yellow Dye	0.0036
Red Dye	0.0014
t-Butylhydroquinone	0.0014

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

21st Century AIN-93G - 5TJM  
 Western Diet for Rodents - 5TJN  
 Atkins-Type Diet for Rodents - 5TJP  
 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 <sup>1</sup>

<b>Protein, %</b>	<b>24.8</b>	<b>Minerals</b>	
Arginine, %	0.95	Calcium, %	0.79
Histidine, %	0.70	Phosphorus, %	0.46
Isoleucine, %	1.30	Phosphorus (available), %	0.22
Leucine, %	2.35	Potassium, %	0.57
Lysine, %	1.98	Magnesium, %	0.08
Methionine, %	0.70	Sodium, %	0.16
Cystine, %	0.51	Chlorine, %	0.25
Phenylalanine, %	1.30	Fluorine, ppm	1.6
Tyrosine, %	1.38	Iron, ppm	60
Threonine, %	1.05	Zinc, ppm	56
Tryptophan, %	0.30	Manganese, ppm	17
Valine, %	1.55	Copper, ppm	9.5
Alanine, %	0.75	Cobalt, ppm	0.0
Aspartic Acid, %	1.75	Iodine, ppm	0.33
Glutamic Acid, %	5.56	Chromium, ppm	1.6
Glycine, %	0.53	Molybdenum, ppm	0.24
Proline, %	3.21	Selenium, ppm	0.00
Serine, %	1.50		
Taurine, %	0.00	<b>Vitamins</b>	
		Vitamin A, IU/g	13.0
<b>Fat, %</b>	<b>57.3</b>	Vitamin D-3 (added), IU/g	1.6
Cholesterol, ppm	2,684	Vitamin E, IU/kg	118.9
Linoleic Acid, %	4.92	Vitamin K (as menadione), ppm	0.45
Linolenic Acid, %	0.46	Thiamin Hydrochloride, ppm	9.5
Arachidonic Acid, %	0.06	Riboflavin, ppm	9.5
Omega-3 Fatty Acids, %	0.38	Niacin, ppm	48
Total Saturated Fatty Acids, %	18.61	Pantothenic Acid, ppm	23
Total Monounsaturated Fatty Acids, %	12.48	Folic Acid, ppm	3.2
		Pyridoxine, ppm	9.1
<b>Fiber (max), %</b>	<b>9.6</b>	Biotin, ppm	0.3
		Vitamin B-12, mcg/kg	40
<b>Carbohydrates, %</b>	<b>0.0</b>	Choline Chloride, ppm	1,368
		Ascorbic Acid, ppm	0.0
<b>Energy (kcal/g) <sup>2</sup></b>	<b>6.15</b>		
<b>From:</b>	<b>kcal</b>	<b>%</b>	
Protein	0.994	16.1	
Fat (ether extract)	5.159	83.9	
Carbohydrates	0.000	0.0	

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.