

# Modified AIN-93G High-Fat Ketogenic Diet (Rodent)

5TJQ

## DESCRIPTION

A high-fat Ketogenic diet based on AIN-93G, with all carbohydrates removed. Protein:Fat kcal ratio  $\approx$  1:5. Diet may need to be re-mixed before use. Dyed light orange.

Recommended control diet is 5TJS.

Intended for rodents in a laboratory setting.

CAUTION: Contains a new animal drug for investigational use only in laboratory research animals or for tests in vitro. Not for use in humans.

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.

<b>Product Forms Available*</b>	<b>Catalog #</b>
Dough Consistency	1810844
Dough, 2 kg HS	1817491
Dough, Irradiated	1811749

\*Other Forms Available On Request

<b>INGREDIENTS (%)</b>	
Casein - Vitamin Tested	27.2279
Lard	17.5567
Milk Fat	17.5567
Vegetable Shortening	17.5567
AIN-93G Mineral Premix w/ Fiber	5.5147
Soybean Oil	3.6869
Inulin	3.4206
Powdered Cellulose	3.4206
AIN-93 Vitamin Premix w/ Fiber	1.5855
Corn Oil	1.5801
L-Cystine	0.4084
Choline Bitartrate	0.2736
Cholesterol	0.2052
FD&C Yellow No. 6	0.0050
t-Butylhydroquinone	0.0014

\*See page 2 for Expanded Ingredient Listings

## 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.**

1/9/2023

## NUTRITIONAL PROFILE <sup>1</sup>

<b>Protein, %</b>	<b>24.3</b>	<b>Minerals</b>	
Arginine, %	0.95	Calcium, %	0.79
Histidine, %	0.70	Phosphorus, %	0.46
Isoleucine, %	1.30	Potassium, %	0.57
Leucine, %	2.35	Magnesium, %	0.08
Lysine, %	1.98	Sodium, %	0.17
Methionine, %	0.70	Chloride, %	0.27
Cystine, %	0.51	Fluorine, ppm	1.6
Phenylalanine, %	1.30	Iron, ppm	63
Tyrosine, %	1.38	Zinc, ppm	56
Threonine, %	1.05	Manganese, ppm	17
Tryptophan, %	0.30	Copper, ppm	9.5
Valine, %	1.55	Cobalt, ppm	0.0
Alanine, %	0.75	Iodine, ppm	0.33
Aspartic Acid, %	1.75	Chromium (added), ppm	1.6
Glutamic Acid, %	5.56	Molybdenum, ppm	0.24
Glycine, %	0.53	Selenium, ppm	0.32
Proline, %	3.21		
Serine, %	1.50	<b>Vitamins</b>	
Taurine, %	0.00	Vitamin A, IU/g	11.8
		Vitamin D-3 (added), IU/g	1.6
		Vitamin E, IU/kg	124.0
		Vitamin K, ppm	1.19
		Thiamin, ppm	7.6
		Riboflavin, ppm	10.5
		Niacin, ppm	48
		Pantothenic Acid, ppm	25
		Folic Acid, ppm	3.4
		Pyridoxine, ppm	9.2
		Biotin, ppm	0.3
		Vitamin B-12, mcg/kg	43
		Choline Chloride, ppm	1,368
		Ascorbic Acid, ppm	0.0

<b>Fat, %</b>	<b>57.1</b>	
Cholesterol, ppm	2,684	
Linoleic Acid, %	4.92	
Linolenic Acid, %	0.46	
Arachidonic Acid, %	0.06	
Omega-3 Fatty Acids, %	0.66	
Total Saturated Fatty A	22.98	
Total Monounsaturated Fatty Acids, %	18.22	
Polyunsaturated Fatty Acids, %	9.10	
<b>Fiber (max), %</b>	<b>9.2</b>	

<b>Carbohydrates, %</b>	<b>3.3</b>	
<b>Energy (kcal/g) <sup>2</sup></b>	<b>6.25</b>	
<b>From:</b>	<b>kcal</b>	<b>%</b>
Protein	0.974	15.6
Fat (ether extract)	5.140	82.3
Carbohydrates	0.132	2.1

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. 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.

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

**TestDiet**

www.testdiet.com

EXPANDED INGREDIENT LIST

AIN-93G Mineral Premix w/ Fiber	Calcium Carbonate, Powdered Cellulose, Potassium Phosphate, Sodium Chloride, Potassium Citrate, Tribasic Monohydrate, Potassium Sulfate, Magnesium Oxide, Ferric Citrate, Zinc Carbonate, Sodium Metasilicate, Manganese Carbonate, Cupric Carbonate, Chromium Potassium Sulfate, Boric Acid, Sodium Fluoride, Nickel Carbonate, Lithium Chloride, Potassium Iodate, Sodium Selenate, Ammonium Molybdate, Ammonium Vanadate
AIN-93 Vitamin Premix w/ Fiber	Powdered Cellulose, DL-Alpha Tocopheryl Acetate (Form of Vitamin E), Phylloquinone, Nicotinic Acid, Vitamin A Palmitate, Calcium Pantothenate, Pyridoxine Hydrochloride, Riboflavin, Thiamine Hydrochloride, Vitamin B12, Cholecalciferol, Folic Acid, Biotin