

## DESCRIPTION

Modification of TestDiet® AIN-93G Semi-Purified Rodent Diet 5801, dyed red. Based on energy distribution in a "typical American diet": Freedman et al., Popular Diets: A Scientific Review. Obesity Research. (March) 2001; 9 (Suppl. 1):1S-40S, (Table 3 at 3S).

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.

Product Forms Available*	Catalog #
1/2" Pellet	1810908
1/2" Pellet, Irradiated	1810908-203

\*Other Forms Available On Request

INGREDIENTS (%)	
Corn Starch	34.7922
Casein - Vitamin Tested	17.6297
Maltodextrin	11.5536
Sucrose	8.7527
Vegetable Shortening	5.1078
Milk Fat	5.1078
Lard	5.1078
AIN-93G Mineral Premix w/ Fiber	3.8799
Powdered Cellulose	2.4066
Inulin	2.4066
AIN-93 Vitamin Premix w/ Fiber	1.1155
Soybean Oil	1.0726
Corn Oil	0.4597
L-Cystine	0.2644
Choline Bitartrate	0.1925
Cholesterol	0.1444
FD&C Red No. 40	0.0048
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.

9/3/2019

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

<b>Protein, %</b>		<b>16.1</b>	<b>Minerals</b>	
Arginine, %	0.62		Calcium, %	0.56
Histidine, %	0.45		Phosphorus, %	0.32
Isoleucine, %	0.84		Potassium, %	0.40
Leucine, %	1.52		Magnesium, %	0.06
Lysine, %	1.28		Sodium, %	0.14
Methionine, %	0.45		Chloride, %	0.23
Cystine, %	0.33		Fluorine, ppm	1.1
Phenylalanine, %	0.84		Iron, ppm	46
Tyrosine, %	0.89		Zinc, ppm	39
Threonine, %	0.68		Manganese, ppm	12
Tryptophan, %	0.19		Copper, ppm	6.7
Valine, %	1.01		Cobalt, ppm	0.0
Alanine, %	0.49		Iodine, ppm	0.23
Aspartic Acid, %	1.14		Chromium (added), ppm	1.1
Glutamic Acid, %	3.60		Molybdenum, ppm	0.17
Glycine, %	0.34		Selenium, ppm	0.22
Proline, %	2.08			
Serine, %	0.97		<b>Vitamins</b>	
Taurine, %	0.00		Vitamin A, IU/g	6.0
			Vitamin D-3 (added), IU/g	1.1
<b>Fat, %</b>	<b>16.7</b>		Vitamin E, IU/kg	85.2
Cholesterol, ppm	1,628		Vitamin K, ppm	0.84
Linoleic Acid, %	1.43		Thiamin, ppm	5.3
Linolenic Acid, %	0.13		Riboflavin, ppm	7.3
Arachidonic Acid, %	0.02		Niacin, ppm	33
Omega-3 Fatty Acids, %	0.19		Pantothenic Acid, ppm	17
Total Saturated Fatty A	6.69		Folic Acid, ppm	2.4
Total Monounsaturated			Pyridoxine, ppm	6.5
Fatty Acids, %	5.30		Biotin, ppm	0.2
Polyunsaturated Fatty Acids, %	2.65		Vitamin B-12, mcg/kg	30
			Choline Chloride, ppm	963
<b>Fiber (max), %</b>	<b>6.5</b>		Ascorbic Acid, ppm	0.0
<b>Carbohydrates, %</b>	<b>56.8</b>			
<b>Energy (kcal/g) <sup>2</sup></b>	<b>4.42</b>			
<b>From:</b>	<b>kcal</b>	<b>%</b>		
Protein	0.644	14.6		
Fat (ether extract)	1.502	34.0		
Carbohydrates	2.271	51.4		

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.**

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**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

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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

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