

DESCRIPTION

Modification of TestDiet® AIN-76A Semi-Purified Diet, 58B0, with 40% kcal fat and 0.5% cholesterol. Dyed red. Originally manufactured as D12107. Part of Clinton/Cybulsky cholesterol series.

58R4 is the recommended control diet.

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	1810020
1/2" Pellet, Irradiated	1810480
Meal, Irradiated	1812951

*Other Forms Available On Request

INGREDIENTS (%)	
Corn Starch	23.8042
Casein - Vitamin Tested	22.4568
Cocoa Butter	17.4040
Sucrose	12.6880
Maltodextrin	7.9722
Powdered Cellulose	5.6142
Soybean Oil	2.8070
Potassium Citrate, Tribasic Monohydrate	1.8527
Calcium Phosphate	1.4597
AIN-76A Vitamin Mix	1.1228
Clinton Salt Mix	1.1228
Calcium Carbonate	0.6176
Cholesterol	0.5053
L-Cystine	0.3369
Choline Bitartrate	0.2246
FD&C Red No. 40	0.0112

*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.

1/6/2023

NUTRITIONAL PROFILE ¹

Protein, %	20.3	Minerals	
Arginine, %	0.79	Calcium, %	0.68
Histidine, %	0.58	Phosphorus, %	0.51
Isoleucine, %	1.07	Potassium, %	0.67
Leucine, %	1.94	Magnesium, %	0.06
Lysine, %	1.63	Sodium, %	0.14
Methionine, %	0.58	Chloride, %	0.23
Cystine, %	0.42	Fluorine, ppm	0.0
Phenylalanine, %	1.07	Iron, ppm	45
Tyrosine, %	1.14	Zinc, ppm	40
Threonine, %	0.87	Manganese, ppm	66
Tryptophan, %	0.25	Copper, ppm	6.8
Valine, %	1.28	Cobalt, ppm	0.0
Alanine, %	0.62	Iodine, ppm	0.23
Aspartic Acid, %	1.45	Chromium (added), ppm	2.3
Glutamic Acid, %	4.59	Molybdenum, ppm	0.00
Glycine, %	0.43	Selenium, ppm	0.08
Proline, %	2.65		
Serine, %	1.24	Vitamins	
Taurine, %	0.00	Vitamin A, IU/g	4.5
		Vitamin D-3 (added), IU/g	1.1
		Vitamin E, IU/kg	58.4
		Vitamin K, ppm	0.57
		Thiamin, ppm	5.4
		Riboflavin, ppm	7.5
		Niacin, ppm	34
		Pantothenic Acid, ppm	18
		Folic Acid, ppm	2.4
		Pyridoxine, ppm	6.5
		Biotin, ppm	0.2
		Vitamin B-12, mcg/kg	15
		Choline Chloride, ppm	1,123
		Ascorbic Acid, ppm	0.0

Fat, %	20.3	
Cholesterol, ppm	5,053	
Linoleic Acid, %	1.92	
Linolenic Acid, %	0.24	
Arachidonic Acid, %	0.00	
Omega-3 Fatty Acids, %	0.22	
Total Saturated Fatty A	10.80	
Total Monounsaturated Fatty Acids, %	6.32	
Polyunsaturated Fatty Acids, %	2.18	
Fiber (max), %	5.6	
Carbohydrates, %	45.6	

Energy (kcal/g) ²	4.46	
From:	kcal	%
Protein	0.813	18.2
Fat (ether extract)	1.823	40.9
Carbohydrates	1.823	40.9

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-76A Vitamin Mix	Sucrose, DL-Alpha Tocopheryl Acetate (Form of Vitamin E), Nicotinic Acid, Vitamin A Palmitate, Calcium Pantothenate, Pyridoxine Hydrochloride, Riboflavin, Thiamine Hydrochloride, Cholecalciferol, Folic Acid, Vitamin B12, Menadione Sodium Bisulfite (source of vitamin K), Biotin.
Clinton Salt Mix	Sucrose, Sodium Chloride, Magnesium Sulfate, Magnesium Oxide, Ferric Citrate, Manganese Carbonate, Zinc Carbonate, Chromium Potassium Sulfate, Cupric Carbonate, Sodium Selenite, Potassium Iodate