

## DESCRIPTION

Advanced Protocol™ Low Residue Canine Surgery Mix is a Constant Nutrition™ powdered diet low in fiber designed to be mixed with water and fed to canines in preparation for surgery under conditions when it is desired to minimize gut-fill. In some situations it may be desired to feed this product during a period of 24 to 48 hours prior to surgery, followed by a fast for 24 hours before surgery.

### Features and Benefits

- Highly digested, low residue in gut
- Complete nutrition containing all nutrients known to be required by canines

### Product Forms Available

- Powder

## GUARANTEED ANALYSIS

Crude protein not less than	16.0%
Crude fat not less than	8.0%
Crude fiber not more than	1.0%
Ash not more than	4.0%

## INGREDIENTS

Rice flour, casein, animal fat preserved with BHA, dried whey, sucrose, dicalcium phosphate, calcium acetate, potassium chloride, salt, choline bitartrate, maltodextrin, magnesium oxide, ferrous sulfate, dl-alpha tocopheryl acetate (source of vitamin E), inositol, aminobenzoic acid, nicotinic acid, vitamin A acetate, calcium pantothenate, cyanocobalamin (source of vitamin B<sub>12</sub>), pyridoxine hydrochloride, thiamin mononitrate, riboflavin, cholecalciferol (source of vitamin D<sub>3</sub>), folic acid, menadione dimethylpyrimidinol bisulfite (source of vitamin K), biotin, manganous oxide, ferrous carbonate, cobalt carbonate, calcium iodate, copper sulfate, zinc sulfate, zinc oxide, sodium selenite.

## FEEDING DIRECTIONS

Mix with an appropriate amount of water immediately prior to feeding the animal. It may be necessary to mix using a wire "whip". A mixture of 37.5% water and 62.5% diet will yield a mixture with the consistency of mashed potatoes. A mixture of 43% water and 57% diet is smooth and will flow to level. At the above ratio there will be settling out of solid parts of the diet.

## CHEMICAL COMPOSITION<sup>1</sup>

<b>Nutrients<sup>2</sup></b>		Sulfur, %	0.17
<b>Protein, %</b>	<b>16.7</b>	Sodium, %	0.25
Arginine, %	0.86	Chlorine, %	0.85
Cystine, %	0.12	Flourine, ppm	0.03
Glycine, %	0.79	Iron, ppm	175
Histidine, %	0.43	Zinc, ppm	140
Isoleucine, %	1.18	Manganese, ppm	140
Leucine, %	1.63	Copper, ppm	20
Lysine, %	1.14	Cobalt, ppm	0.40
Methionine, %	0.49	Iodine, ppm	1.4
Phenylalanine, %	0.95	Chromium, ppm	0.01
Tyrosine, %	1.04	Selenium, ppm	0.12
Threonine, %	0.72		
Tryptophan, %	0.21	<b>Vitamins</b>	
Valine, %	1.22	Carotene, ppm	0.0
Serine, %	0.56	Vitamin K (as menadione), ppm	1.2
Aspartic Acid, %	0.83	Thiamin Hydrochloride, ppm	8.6
Glutamic Acid, %	2.22	Riboflavin, ppm	8.7
Alanine, %	0.37	Niacin, ppm	0.55
Proline, %	0.97	Pantothenic Acid, ppm	23
Taurine, %	0.00	Choline Chloride, ppm	1700
<b>Fat (ether extract), %</b>	<b>8.3</b>	Folic Acid, ppm	2.6
<b>Fat (acid hydrolysis), %</b>	<b>8.3</b>	Pyridoxine, ppm	8.7
Cholesterol, ppm	5199	Biotin, ppm	0.27
Linoleic Acid, %	0.72	B <sub>12</sub> , mcg/kg	130
Linolenic Acid, %	0.02	Vitamin A, IU/gm	15
Arachidonic Acid, %	0.03	Vitamin D <sub>3</sub> (added), IU/gm	2.0
Omega-3 Fatty Acids, %	0.01	Vitamin E, IU/kg	150
Total Saturated Fatty Acids, %	3.21	Ascorbic Acid, mg/gm	—
Total Monounsaturated			
Fatty Acids, %	4.33	<b>Calories provided by:</b>	
<b>Fiber (Crude), %</b>	<b>0.7</b>	Protein, %	17.203
Neutral Detergent Fiber <sup>3</sup> , %	0.0	Fat (ether extract), %	19.238
Acid Detergent Fiber <sup>4</sup> , %	0.7	Carbohydrates, %	63.559
<b>Nitrogen-Free Extract</b>		*Product Code	
<b>(by difference), %</b>	<b>61.7</b>	1. Based on the latest ingredient	
Starch, %	0.00	analysis information. Since	
Glucose, %	0.00	nutrient composition of natural	
Fructose, %	0.00	ingredients varies, analysis will	
Sucrose, %	10.00	differ accordingly.	
Lactose, %	3.2	2. Nutrients expressed as percent of	
<b>Total Digestible Nutrients, %</b>	<b>85.7</b>	ration except where otherwise	
<b>Gross Energy, kcal/gm</b>	<b>4.31</b>	indicated. Moisture content is	
<b>Physiological Fuel Value<sup>5</sup>,</b>		assumed to be 10.0% for the	
<b>kcal/gm</b>	<b>3.88</b>	purpose of calculations.	
<b>Metabolizable Energy,</b>		3. NDF = approximately cellulose,	
<b>kcal/gm</b>	<b>3.17</b>	hemi-cellulose and lignin.	
		4. ADF = approximately cellulose	
<b>Minerals</b>		and lignin.	
<b>Ash, %</b>	<b>2.6</b>	5. Physiological Fuel Value	
Calcium, %	0.86	(kcal/gm) = Sum of decimal	
Phosphorus, %	0.53	fractions of protein, fat and carbo-	
Phosphorus (non-phytate), %	0.49	hydrate (use Nitrogen Free	
Potassium, %	0.56	Extract) x 4,9,4 kcal/gm	
Magnesium, %	0.04	respectively.	