



## Suplena® with Carb Steady™



### Why is Suplena® with Carb Steady™ a good choice for CKD patients?

- Low-protein, high-calorie formula designed to help meet the specific nutritional needs of people with early kidney disease.
  - A meta-analysis shows that low-protein diets may help slow the progression of renal failure, delaying the need for dialysis.<sup>1</sup>
- Therapeutic nutrition can help CKD patients maintain their nutritional status while adhering to their diets.
- Increased protein from 6% to 10% of total calories to increase serum albumin levels in patients.
  - Serum albumin level is an indicator of nutritional status in patients with kidney disease.<sup>2</sup>
- Contains Carb Steady™ carbohydrate blend with ingredients clinically shown to help manage blood glucose response.<sup>3-7</sup>
- Low in phosphorus (175mg/8-fl-oz), yet contains 330mg/8-fl-oz of calcium to help meet NKF-K/DOQI guidelines for calcium intake of 1,200 – 1,500 mg/day.
  - Dietary phosphorus has been implicated in the progression of renal disease, and early phosphorus control may delay renal bone disease.<sup>8</sup>
- Low in sodium and has a vitamin profile specifically designed to help meet the needs of predialysis patients.
- Added fiber (Fibersol™ 1.5g/8 fl oz and FOS 2.2g/8 fl oz) to help promote GI-tract health.
- May be used for oral or tube feeding.

1. Zarazaga A et al. *Clinical Nutr* 2001;20:291-299.

2. Burrowes JD, et al. *J Am Diet Assoc* 2005; 105(4):563-572.

3. Wolever T, et al. *Can J Diab* 2002;26:356-362.

4. Secchi A, et al. *Klin Wochenschr* 1986;64:265-269.

5. Wheeler ML, et al. *Diabetes Care* 1991;14:769-771.

6. Wolf BW, et al. *Nutrition Research* 2001;21:1099-1106.

7. Livsey G, et al. *Brit J Nutri* 2001;85:57-516.

8. A clinical guide to nutrition Care in Kidney disease. Eds Byham-Gray and Wiesen From the Renal Dietitians Dietetic Practice Group of the American Association and the Council on Renal Nutrition 2004 chapter 3.

## Recommend Suplena® with Carb Steady™ to CKD patients with chronic kidney disease who:

- Have low serum albumin levels
- Have diabetes
- Require extra calories and nutrients in low volume
- Have difficulty complying with a renal diet
- Are unable to fix meals for themselves
- Would like supplemental nutrition that's designed specifically for their needs
- Want a convenient snack instead of fast food
- Need a meal replacement when they're on the go

### Compare Original Suplena® to New Suplena® with Carb Steady™§

	Original Suplena®	New Suplena® w/ Carb Steady™
Caloric Density	2.0 Cal/mL	<b>1.8 Cal/mL</b>
Protein	7.1g (6% kcal)	<b>10.6g (10% kcal)</b>
Carbohydrate	60.6g (51% kcal)	<b>47.8g* (42% kcal)</b>
Dietary Fiber	0	<b>3.7g**</b>
- Fibersol	0	<b>1.5g</b>
- FOS	0	<b>2.2g</b>
Sugar Alcohols	0	<b>3.5g</b>
Fat	22.7g (43% kcal)	<b>22.7g (48% kcal)</b>
Kosher	Yes	<b>Yes</b>
Gluten-Free	Yes	<b>Yes</b>
Lactose-Free	Yes	<b>Yes</b>
Osmolality (mOsm/kg H <sub>2</sub> O)	600	<b>600</b>
Flavor Availability	Vanilla	<b>Homemade Vanilla</b>

§ Per 8-fl-oz can

### Nutrient Panel – Suplena® with Carb Steady™

Nutrients Per 8-fl-oz / 237mL

<b>Sugars</b>	7.2 gz	
<b>Water</b>	174 g	<b>Taurine</b> 38 mg
<b>Total Calories:</b>		<b>L-Carnitine</b> 63 mg
- per mL	1.80 kcal	
- per container	425 kcal	

Vitamins Per 8-fl-oz		% RDI†		Minerals Per 8-fl-oz		% RDI†	
<b>Vitamin A</b>	750	IU	15	<b>Sodium</b>	185	mg	‡
<b>Vitamin D</b>	20	IU	5	<b>Potassium</b>	265	mg	‡
<b>Vitamin E</b>	23	IU	77	<b>Chloride</b>	220	mg	6
<b>Vitamin K</b>	20	mcg	25	<b>Calcium</b>	250	mg	25
<b>Vitamin C</b>	25	mg	42	<b>Phosphorus</b>	165	mg	17
<b>Folic Acid</b>	250	mcg	63	<b>Magnesium</b>	50	mg	13
<b>Vitamin B<sub>1</sub></b>	0.6	mg	37	<b>Iodine</b>	38	mcg	25
<b>Vitamin B<sub>2</sub></b>	0.6	mg	38	<b>Manganese</b>	0.5	mg	25
<b>Vitamin B<sub>6</sub></b>	2.0	mg	100	<b>Copper</b>	0.5	mg	25
<b>Vitamin B<sub>12</sub></b>	2.3	mcg	38	<b>Zinc</b>	6.4	mg	43
<b>Niacin</b>	7.5	mg	38	<b>Iron</b>	4.5	mg	25
<b>Choline</b>	150	mg	‡	<b>Selenium</b>	18	mcg	26
<b>Biotin</b>	115	mcg	38	<b>Chromium</b>	30	mcg	25
<b>Pantothenic Acid</b>	3.8	mg	38	<b>Molybdenum</b>	19	mcg	25

\*\*1.5 g Total Dietary Fiber From Corn Fiber and 2.2 g Fructooligosaccharides.

† For Adults and Children 4 or more years of age.

‡ RDI Not Established.

\* Carbohydrates contribute 178 Calories; sugar alcohols and dietary fiber contribute 18 Calories.