

Product Information: Vital® AF 1.2 Cal

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Vital® AF 1.2 Cal

Peptide-based, therapeutic nutrition for inflammation and tolerance

- 1 VITAL AF 1.2 CAL is peptide-based therapeutic nutrition that provides complete, balanced nutrition for long- or short-term for patients who require tube feeding and are experiencing malabsorption, maldigestion, or impaired GI function and/or GI intolerance.
- 1 For tube or oral feeding.
- 1 For supplemental or sole-source nutrition.
- 1 Use under medical supervision.
- 1 Designed to promote tolerance:
 - Hydrolyzed peptide-based protein system.
 - Medium chain triglycerides/fish oil structured lipid, a well-tolerated^{1,2} and absorbed¹ next generation fat to promote absorption of fatty acids.
 - 1.2 g of scFOS/8 fl oz (5.1 g/L). scFOS are prebiotic fibers that stimulate the growth of beneficial bacteria in the colon.^{3,4,5}
- 1 Omega-3 fatty acids EPA (2.7 g/L) and DHA (1.1 g/L) from fish oil to help modulate inflammation and support immune function.^{6,7}
- 1 75 g/L protein to meet the increased protein needs of stressed patients (greater than or equal to 1.2 g/kg) and support healing.⁸
- 1 1500 Calories (1250 mL) provide at least 100% of the RDIs for 25 essential vitamins and minerals.
- 1 Contains at least 100% of the RDI for vitamin D per 1500 Calories to: a) Help maintain normal circulating levels of vitamin D, which has been shown to be decreased in critically ill patients^{9,10}/patients with malabsorption¹¹ b) Help meet the increased vitamin D needs of critically ill patient.
- 1 Contains elevated levels of antioxidants vitamins C and E and selenium to help reduce free radical damage.^{12,13}
- 1 Gluten-free.
- 1 Suitable for lactose intolerance.



Safety Precautions

- 1 Not for IV use.
- 1 Not suitable for people with galactosemia.

¹ Kenler AS, et al. *Ann Surg.* 1996;223(3):316-333.

² McKenna MC, et al. *J Pediatr Gastroenterol Nutr.* 1985;4(1):45-51.

³ Bornet FR, et al. *Nutr Rev.* 2002;60(11):326-334.

⁴ Tokunaga T, et al. *Bifidus.* 1993;6(2):143-150.

⁵ Bouhnik Y, et al. *Nutr J.* 2007;6:42-48.

⁶ Calder PC. *Prostaglandins Leukot Essent Fatty Acids.* 2008;79(3-5):101-108.

⁷ Calder PC. *Clin Nutr.* 2010;29(1):5-12.

⁸ McClave SA, et al. *JPEN J Parenter Enteral Nutr.* 2016;40(2):159-211.

⁹ Lee P, et al. *Intensive Care Med.* 2009;35(12):2028-2032.

¹⁰ Lee P, et al. *N Engl J Med.* 2009;360(18):1912-1914.

¹¹ Kuwabara A, et al. *Osteoporos Int.* 2009;20(6):935-942.

¹² Institute of Medicine (US) Panel on Dietary Antioxidants and Related Compounds. *Dietary Reference Intakes for Vitamin C, Vitamin E, Selenium, and Carotenoids.* Washington (DC): National Academies Press (US);2000.

¹³ Sies H. *Redox Biol.* 2015;4:180-183.

Ingredients

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Liquid Vanilla:

Water, Corn Maltodextrin, Whey Protein Hydrolysate, Hydrolyzed Sodium Caseinate, Structured Lipid (Interesterified Marine Oil [Contains One or More of the Following: Anchovy, Cod, Jack Mackerel, Mackerel, Menhaden, Pollock, Salmon, Sardine, Tuna], and Medium-Chain Triglycerides), Medium Chain Triglycerides. Less than 1% of: Canola Oil, Soy Oil, Short-chain Fructooligosaccharides, Natural and Artificial Flavor, DATEM, Cellulose Gel, Magnesium Phosphate, Calcium Carbonate, Sodium Phosphate, Potassium Chloride, Calcium Phosphate, Potassium Citrate, Ascorbic Acid, Choline Chloride, Magnesium Chloride, Acesulfame Potassium, Carrageenan, Cellulose Gum, Potassium Hydroxide, L-Carnitine, Taurine, Sucralose, Zinc Sulfate, Niacinamide, Ferrous Sulfate, d-Alpha-Tocopheryl Acetate, Calcium Pantothenate, Manganese Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Copper Sulfate, Vitamin A Palmitate, Folic Acid, Chromium Chloride, Sodium Molybdate, Potassium Iodide, Phylloquinone, Sodium Selenate, Biotin, Vitamin B12, and Vitamin D3.

Allergens: Contains milk ingredients.

Availability

List Number	Item
62715	Vital AF 1.2 Cal / 33.8 fl oz (1 L) Ready-To-Hang Prefilled Container / 8 ct
64828	Vital AF 1.2 Cal Vanilla / 8 fl oz (237 mL) Recloseable Carton / 24 ct

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Nutrition Information - Liquid Vanilla

	8 fl oz (237 mL)	
	Value	%RDI / %DV
Protein, g	17.8	
Fat, g	12.8	
Carbohydrate, g	26.2	
Dietary Fiber, g	1.2*	
Total Sugars, g	1.0	
Added Sugars, g	1.0	
L-Carnitine, mg	30	
Taurine, mg	30	
Water, mL	192	
Calories	284	
Vitamin A, mcg RAE	365	
Vitamin D, mcg	6.1	
Vitamin E, mg	4.8	
Vitamin K, mcg	33.4	
Vitamin C, mg	43	
Folate, mcg DFE	124	
Folic Acid, mcg	74	
Thiamin (Vitamin B1), mg	0.6	
Riboflavin (Vitamin B2), mg	0.4	
Vitamin B6, mg	0.55	
Vitamin B12, mcg	1.65	
Niacin, mg NE	8	
Choline, mg	105	
Biotin, mcg	7.2	
Pantothenic Acid, mg	1.7	
Sodium, mg	300	
Potassium, mg	390	
Chloride, mg	300	
Calcium, mg	248	
Phosphorus, mg	238	
Magnesium, mg	80	
Iodine, mcg	30	
Manganese, mg	0.8	
Copper, mg	0.35	
Zinc, mg	4.8	
Iron, mg	3.6	
Selenium, mcg	15	
Chromium, mcg	16	
Molybdenum, mcg	25.6	

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Liquid Vanilla Footnotes & References

Per 8 fl oz (237 mL)

*1.2 g of dietary fiber supplied by short-chain fructooligosaccharides (scFOS).

Preparation

Instructions for Use:

8 fl oz Container

- 1 Store unopened at room temperature; avoid extreme temperatures.
- 1 Shake well prior to opening.
- 1 After opening, refrigerate and consume product within 48 hours. If consuming product directly from the container, refrigerate and consume within 24 hours.

Oral Feeding

- 1 May be used for total or supplemental nutrition.
- 1 May be fed at room temperature or chilled.

Tube Feeding

- 1 Follow physician's instructions.
- 1 Adjust flow rate and volume according to patient's condition and tolerance.
- 1 Feed at room temperature using a feeding pump or syringe.
- 1 Additional fluid requirements should be met by giving water between or after feedings or when flushing the tube.
- 1 Avoid contamination during preparation and use.

Ready-To-Hang Container

All medical foods, regardless of type of administration system, require careful handling because they can support microbial growth. Follow these instructions for clean technique and proper setup to reduce the potential for microbial contamination.

NOTE: Failure to follow the **INSTRUCTIONS FOR USE** increases the potential for microbial contamination and may reduce hangtime.

- 1 Administer product at room temperature.
- 1 THOROUGHLY wash hands with soap and water before handling container or feeding set.
- 1 Turn container upside down and SHAKE VIGOROUSLY, using a twisting motion for at least 10 seconds.
- 1 DO NOT touch any part of the container or feeding set that comes into contact with the formula.
- 1 When initiating feeding, follow physician's instructions. Adjust flow rate and volume according to patient's condition and tolerance.
- 1 Additional fluid requirements should be met by giving water between or after feedings or when flushing the tube.

For Use with Enteral Feeding Pumps:

- 1 Remove dust cover from RTH Safety Screw Cap.
- 1 Remove dust cover from feeding set connector.
- 1 Insert feeding set connector into port of RTH Safety Screw Cap and completely pierce foil.
- 1 Turn connector collar clockwise until it is securely fastened.
- 1 Close clamp on set before inverting container.
- 1 Invert container and suspend, using hanging ring on bottom of container.

Precautions

- 1 Follow directions for use provided by manufacturer of feeding sets.
- 1 Unless a shorter hang time is specified by the set manufacturer, hang product for up to 48 hours after initial connection when clean technique and only one new set are used. Otherwise hang for no more than 24 hours.