

## Product Information: Vital® HP

For more information, contact your Abbott Nutrition Representative or visit  
[www.abbottnutrition.com](http://www.abbottnutrition.com)

- 1 VITAL HIGH PROTEIN is specialized therapeutic nutrition for immune support, to promote GI tolerance, and to help manage inflammation and is suitable for patients who could benefit from a high-protein, low-fat diet.
- 1 For tube or oral feeding.
- 1 For supplemental or sole-source nutrition.
- 1 Use under medical supervision.
- 1 87.3 g/L peptide-based protein (35%).
- 1 20% of total calories from fat.
- 1 EPA (2.3 g/L) and DHA (0.9 g/L) from fish oil to help modulate inflammation and support immune function.<sup>1,2</sup>
- 1 Has the recommended lipid profile for the severely critically ill patient, including EPA and DHA from fish oil, to help modulate inflammation.<sup>1,2,3</sup>
- 1 1500 Calories (1500 mL) provides at least 100% of the RDIs for 25 essential vitamins and minerals.
- 1 Contains elevated levels of antioxidants vitamins C and E and selenium to help reduce free radical damage.<sup>4,5</sup>
- 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<sup>6,7</sup>/patients with malabsorption<sup>8</sup> b) Help meet the increased vitamin D needs of critically ill patient.
- 1 Gluten-free.
- 1 Suitable for lactose intolerance.



## Safety Precautions

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

<sup>1</sup> Calder PC. *Prostaglandins Leukot Essent Fatty Acids*. 2008;79(3-5):101-108.

<sup>2</sup> Calder PC. *Clin Nutr*. 2010;29(1):5-12.

<sup>3</sup> McClave SA, et al. *JPEN J Parenter Enteral Nutr*. 2016;40(2):159-211.

<sup>4</sup> 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.

<sup>5</sup> Sies H. *Redox Biol*. 2015;4:180-183.

<sup>6</sup> Lee P, et al. *Intensive Care Med*. 2009;35(12):2028-2032.

<sup>7</sup> Lee P, et al. *N Engl J Med*. 2009;360(18):1912-1914.

<sup>8</sup> Kuwabara A, et al. *Osteoporos Int*. 2009;20(6):935-942.

## Ingredients

### Liquid Unflavored:

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

**Allergens:** Contains milk ingredients.

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Abbott Nutrition Abbott Laboratories  
Columbus, OH 43219-3034  
1-800-227-5767

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## Availability

List Number	Item
63081	Vital HP / 33.8 fl oz (1 L) Ready-To-Hang Prefilled Container / 8 ct
64820	Vital HP / 8 fl oz (237 mL) Recloseable Carton / 24 ct

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## Nutrition Information - Liquid Unflavored

	8 fl oz (237 mL)	
	Value	%RDI / %DV
Protein, g	20.7	
Fat, g	5.5	
Carbohydrate, g	26.7	
Dietary Fiber, g	0	
Total Sugars, g	2	
Added Sugars, g	2	
L-Carnitine, mg	25	
Taurine, mg	25	
Water, mL	198	
Calories	237	
Vitamin A, mcg RAE	166	
Vitamin D, mcg	5	
Vitamin E, mg	4	
Vitamin K, mcg	39	
Vitamin C, mg	82	
Folate, mcg DFE	100	
Folic Acid, mcg	60	
Thiamin (Vitamin B1), mg	0.5	
Riboflavin (Vitamin B2), mg	0.3	
Vitamin B6, mg	0.5	
Vitamin B12, mcg	2	
Niacin, mg NE	6.8	
Choline, mg	118	
Biotin, mcg	8	
Pantothenic Acid, mg	1.4	
Sodium, mg	330	
Potassium, mg	332	
Chloride, mg	245	
Calcium, mg	206	
Phosphorus, mg	198	
Magnesium, mg	67	
Iodine, mcg	25	
Manganese, mg	0.8	
Copper, mg	0.4	
Zinc, mg	4.7	
Iron, mg	3	
Selenium, mcg	15	
Chromium, mcg	20	
Molybdenum, mcg	32	

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## 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.