



**FRESENIUS  
KABI**

caring for life



# Fresubin® 3.2 kcal DRINK

Nutrient dense with a creamy mouthfeel.

3.2 kcal/ml high protein oral nutritional supplement for the dietary management of patients with or at risk of malnutrition, in particular with increased energy and protein needs such as cancer patients and frail people

Highest energy density nutritionally complete 125ml ONS (400kcal per 125ml)

Unique protein blend providing 20g protein per 125ml

Provides 20% energy from protein to support high protein needs in low volume<sup>1,2</sup>

High vitamin D content: 10µg per 125ml

Daily intake of 20µg Vit. D reduces the risk of falls and fractures<sup>3-5</sup>

With all micro- and macronutrients for complete nutrition

For Health Care Professionals only.

# Fresubin 3.2 kcal DRINK

Available flavours: Vanilla-Caramel, Hazelnut  
in 125 ml EasyBottle



## Nutritional Information

### Average content

		100 ml	bottle = 125 ml
<b>Energy value</b>	kJ (= kcal)	1344 (320)	1680 (400)
<b>Fat</b>	g	16	20
of which saturated fatty acids	g	1.1	1.38
of which monounsaturated fatty acids	g	9.9	12.4
of which polyunsaturated fatty acids	g	5.0	6.3
<b>Carbohydrate</b>	g	28	35
of which sugars	g	10.8	13.5
of which lactose	g	≤ 0.24	≤ 0.3
<b>Fibre</b>	g	0.5	0.63
<b>Protein</b>	g	16	20
<b>Salt</b> (Na x 2.5)	g	0.28	0.35
<b>Water</b>	ml	56	70
<b>Osmolarity</b>	mosmol/l	697 <sup>a</sup> /630 <sup>b</sup>	697 <sup>a</sup> /630 <sup>b</sup>
<b>Osmolality</b>	mosmol/kg H <sub>2</sub> O	1258 <sup>a</sup> /1121 <sup>b</sup>	1285 <sup>a</sup> /1121 <sup>b</sup>
<b>Minerals and trace elements</b>			
Sodium	mg	112	140
Potassium	mg	312	390
Chloride	mg	144	180
Calcium	mg	160	200
Magnesium	mg	40	50
Phosphorus	mg	112	140
Iron	mg	4.8	6.00
Zinc	mg	3.5	4.40
Copper	µg	512	640
Manganese	mg	1.2	1.5
Iodine	µg	44.8	56.0
Fluoride	mg	0.4	0.52
Chromium	µg	23	28.8
Molybdenum	µg	30.4	38.0
Selenium	µg	23	28.8
<b>Vitamins</b>			
Vitamin A	µg RE <sup>*</sup>	224	280
β-Carotene	µg	426	532
Vitamin D <sub>3</sub>	µg	8	10
Vitamin E	mg α-TE <sup>**</sup>	5.76	7.20
Vitamin K <sub>1</sub>	µg	20.8	26.0
Vitamin B <sub>1</sub>	mg	0.5	0.63
Vitamin B <sub>2</sub>	mg	0.51	0.64
Niacin	mg NE <sup>***</sup>	5.4	6.80
Vitamin B <sub>6</sub>	mg	0.58	0.72
Vitamin B <sub>12</sub>	µg	1.1	1.40
Pantothenic acid	mg	1.92	2.40
Biotin	µg	14.4	18.0
Folic acid	µg	67.2	84.0
Vitamin C	mg	41.6	52.0

### Caloric distribution (energy %):

Fat 45, carbohydrate 34.7, fibre 0.3, protein 20

\*RE: Retinol equivalents; \*\*α-TE: Tocopherol equivalents; \*\*\*NE: Niacin equivalents  
a. Vanilla-Caramel, b. Hazelnut

## Prescribing information

### Food for special medical purposes:

Nutritionally complete, high-caloric (3.2 kcal/ml), high-protein (20 energy %) oral nutritional supplement, low in fibre. High in Vitamin D. Clinically free from lactose, gluten-free. For the dietary management of patients with or at risk of malnutrition in particular for patients with increased energy and protein needs or fluid restrictions.

### Dosage:

To be determined by a health care professional according to patients' needs. Recommendation for supplementary nutrition 1-2 bottles (400-800 kcal)/day, or complete nutrition 4-5 bottles (1600-2000 kcal)/day.

### Important notes:

To be used under medical supervision. Suitable as sole source of nutrition. Not suitable for children < 3 years. Use with caution in children < 6 years. Not suitable for patients with galactosaemia. Ensure adequate fluid intake.

### Instructions for use:

Store at room temperature. Opened bottles may be stored in a refrigerator for up to 24 hours. Best served chilled. Drink slowly! Packaged in a protective atmosphere.

### Contraindications:

Not suitable whenever enteral nutrition is not permitted such as in acute gastrointestinal bleeding, ileus and shock. Use with caution in severe organ failure with impaired metabolism and severe forms of malabsorption. Not suitable for patients with congenital inability to metabolise nutrients contained in Fresubin 3.2 kcal DRINK.

## Ingredients

**Fresubin 3.2 kcal DRINK** (Vanilla-Caramel, Hazelnut): Water, glucose syrup, rapeseed oil, collagen hydrolysate<sup>a</sup>, sucrose, milk protein, maltodextrin, stabilisers (E 460, E 466), flavourings<sup>a</sup>, emulsifiers (E 471, soya lecithins, E 472e), calcium phosphate, potassium chloride, acidity regulators (E 524, E 525), potassium hydrogen phosphate, potassium citrate, vit. C, calcium citrate, magnesium chloride, magnesium oxide, iron pyrophosphate, sodium chloride, zinc sulphate, niacin, manganese chloride, vit. E, pantothenic acid, copper sulphate, sodium fluoride, vit. B<sub>2</sub>, vit. B<sub>6</sub>, vit. B<sub>1</sub>, β-carotene, vit. A, chromium chloride, folic acid, sodium molybdate, potassium iodide, sodium selenite, vit. K<sub>1</sub>, biotin, vit. D<sub>3</sub>, vit. B<sub>12</sub>.

<sup>a</sup>Halal-certified; <sup>b</sup>Position depends on flavour

## Flavours

Vanilla-Caramel, Hazelnut

- 1) Bauer J, Biolo G, Cederholm T, Cesari M, Cruz-Jentoft AJ, Morley JE, et al. Evidence-based recommendations for optimal dietary protein intake in older people: a position paper from the PROT-AGE Study Group. *J Am Med Dir Assoc.* 2013;14(8):542-59.
- 2) Genaro Pde S, Pinheiro Mde M, Szejnfeld VL, Martini LA. Dietary protein intake in elderly women: association with muscle and bone mass. *Nutr Clin Pract.* 2015;30(2):283-9.
- 3) Bischoff-Ferrari HA, Willett WC, Orav EJ, Lips P, Meunier PJ, Lyons RA, et al. A pooled analysis of vitamin D dose requirements for fracture prevention. *N Engl J Med.* 2012;367(1):40-9.
- 4) Dawson-Hughes B, Mithal A, Bonjour JP, Boonen S, Burckhardt P, Fuleihan GE, et al. IOF position statement: vitamin D recommendations for older adults. *Osteoporos Int.* 2010;21(7):1151-4.
- 5) Tang BM, Eslick GD, Nounou C, Smith C, Bensoussan A. Use of calcium or calcium in combination with vitamin D supplementation to prevent fractures and bone loss in people aged 50 years and older: a meta-analysis. *Lancet.* 2007;370(9588):657-66.



**FRESENIUS  
KABI**

caring for life

Fresenius Kabi Deutschland GmbH  
61346 Bad Homburg, Germany  
Phone: +49 (0) 61 72 / 686-0  
Enteral.nutrition@fresenius-kabi.com  
www.fresenius-kabi.com