NAME OF PRODUCT: Life Space Digestion Enzymes

Product description:

Capsules, taken once a day, that assist with the digestion of foods containing carbohydrates, lactose and fats; and assists the absorption of beneficial nutrients. Formulated to support healthy digestive function and relieve symptoms of gas, bloating and digestive discomfort.

GMP.

- Vegetarian friendly.

- No added dairy or gluten.

- No refrigeration required.

Claim1:

Helping the digestion of carboydrates, lactose, fat.

Claim2:

Assiting in the digestion of plant food that contaning cellulose and assisting the absorption of nutrients from food

Claim3:

Suit vegetariansi, free of dairy, gluten and store at room temperarure.

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| What’s the claim? | Helps the digestion of carboydrates, lactose, fat. | Assits in the digestion of plant food that contain cellulose. | Assists the absorption of nutrients from food. |
| What does the science say about the claims?Are the claims true, according to scientists? | 1. Yes, they help in the digestion of carbohydrates, lactose and fats
2. They contain amylase, lactase and lipase enzyme supplements which help in the digestion of related nutrients (Heather et. al., 2011)
3. Yes this claim is true according to available literature (Roxas, 2008; Imrie et. al., 2010; Heather et. al., 2011)
 | 1. Yes, they contain cellulase which helps in the digestion of cellulose (Heather et. al., 2011)
2. Yes, these claims are true according to scientists (Roxas, 2008; Imrie et. al., 2010; Heather et. al., 2011)
 | Yes they convert carbohydrates into simple sugars or mono-saccharides, proteins (lactose) into amino-acids and fats into glycerol molecules which are readily absorbed in the small intestine of digestive track (Imrie et. al., 2010) |

The answer for the table below can be written as a dot points as well instead of sentences.

1. **Are the active ingredients effective?**

Yes, it contains synthetic protein molecules with 3D spatial organization potent enough to build new molecules, break existing molecules, alter 3D spatial property of the molecules, help inter-conversion of molecules without leaving them as free radicals, transfer molecular group, help removing one part of molecule without damaging the whole molecule

1. **What happens to the active ingredients in the body?**

When digestive enzyme is taken orally, it undergoes four steps (Mitchell et. al., 2010):

1. It goes directly into stomach and acts on the food molecules being blended
2. Its amylase, lipase and lactase ingredients find their prospective molecules e.g., carbohydrates, fats and proteins (substrates) for attachments to the active sites
3. The process of catalysis is initiated—substrate is altered, amenable to be broken down or merge with other molecules for making something new
4. Substrate is no longer identical. It is changes—broken down into simple molecules e.g., carbohydrate into glucose, fats into fatty acids and lactose into amino acids.

**3) What alternatives to this product are available?**

Super Dzymes are best alternative for Life Space Digestion enzymes because they encapsulate a wide variety of enzymes, able to function in a larger range of pH, lessen the chance of developing leaky gut syndrome (Jokers, 2018)

**7) Is the digestive problems common in Australia?**

Accordingto the Gut Foundation Australia, half of the population encounters digestive issues during one year span. Heart burn, ulcers, diarrhoea, colitis and irritable bowel syndrome are some of these problems (TGF, 2018).

**7) Who if anyone should use this product?**

This product is prescribed for hurt burn, Hypochlorhydria, irritable bowel syndrome, pancreatitis, gas and bloating. Individuals with above mentioned problems can use this with the doctor’s prescription (HS, 2018).

Works Cited

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“3 x Life Space Digestive Enzymes (180 capsules*).” Healthy Switch.* <https://healthyswitch.com.au/store/products/34/357/3_x_life_space_digestive_enzymes_180_capsules/> 25 Mar. 2019