

# VITAMIN D3

**Helps Immune System Health**

Promotes Calcium & Phosphorus Absorption

**Premium Quality**

**Liposomal Vitamin D3**

**1000 IU**



Heart Function  
Improvement



Immunity Booster



Teeth Health



Bone Strength

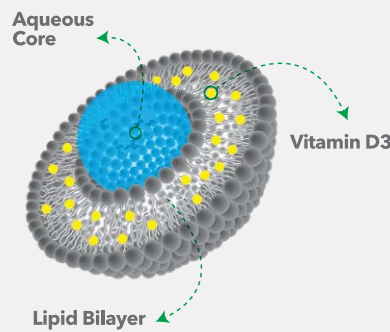
[www.sanaviva.health](http://www.sanaviva.health)



## What is **Liposome** and its Function?

Liposomes are simple microscopic particles in which an aqueous volume is entirely enclosed by a membrane consisting of a lipid (fat) molecules. Liposomes are delivery vehicles for transporting substances into the body effectively via facilitating absorption directly in the mouth or by preventing breakdown by stomach acid. Liposomes are offered as a modern pharmaceutical system because of their flexible physicochemical and biophysical properties.

### Sanaviva Liposomal Vitamin D3 Structure:



For more information  
Please scan  
this QR  
with Smart  
Phone

#### Advantages of Liposomal Delivery:

- Higher bioavailability and absorption compared with other oral forms.
- Micronized encapsulation protects against the harsh environment of the GI tract and increases transmucosal (oral) uptake and absorption.
- Increased intracellular delivery.
- Can hold both hydrophilic and hydrophobic compounds.
- Cost-effective by being able to take a lower dose for the same effect.

### Unique Drug Delivery in Sanaviva Liposomal Vitamin D3:

Liposomal delivery of vitamin D3 is by far the most effective method for optimal absorption because it encapsulates nutrients and compounds into highly fat-soluble lipid vesicles and it causes vitamin D3 to be protected against the acidic environment of the stomach, which in addition to increasing the absorption of vitamin D3, helps reduce gastrointestinal complications caused by common forms of vitamin D3

#### How to take Sanaviva Liposomal Vitamin D3?

- **Treatment of vitamin D deficiency:** 1-2 softgels daily for 3-4 months, followed by 1-2 softgels daily until the target level of 25(OH)D level achieved.
- **Prevention of vitamin D deficiency:** 1 softgel daily, as directed by your doctor.
- **Prevention of osteoporosis:** 1 softgel daily, as directed by your doctor.

#### Children and adolescents (12- 18 years)

- **Treatment of vitamin D deficiency:** 2 softgels daily for 6-8 weeks, followed by maintenance dose of 1 softgel daily until the the target level of 25(OH)D level achieved, as directed by your doctor.

#### References:

1. Vitamin D3 (cholecalciferol): Drug information. UpToDate 2023
2. Bioavailability by design - Vitamin D3 liposomal delivery vehicles. Nanomedicine. 2022;43:102552.

#### 40 Softgels

Including 2 Blisters of 20 Softgels

 Gluten Free  Soy Free  Non-GMO  No Added Sugar  Lactose Free

Manufacturing License Holder:

**Sana Pharmmed Co.**

Made In Iran.