



VitaLab

FAST

SENSITIVE

RELIABLE

25-OH-VD Test Kit

(Dry Fluorescence Immunoassay)



Reference <<<

Vitamin, D. The British Dietetic Association (BDA) Food Fact Sheet.
 Vitamin D and Infectious Diseases: Simple Bystander or Contributing Factor?
 Role of vitamin D in the pathogenesis of atheromatosis
 Vitamin D deficiency and co-morbidities in COVID-19 patients – A fatal relationship?
 Evidences for a protective role of vitamin D in COVID-19;
 Vitamin D and Infectious Diseases: Simple Bystander or Contributing Factor?

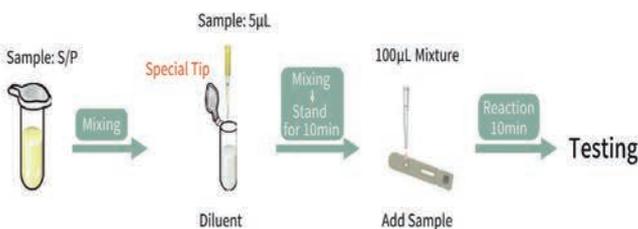
Vitamin D is an important hormone regulating calcium and phosphorus metabolism.

25-OH-VD is the main storage form of vitamin D in the body.

Clinical significance of 25-OH-VD Test

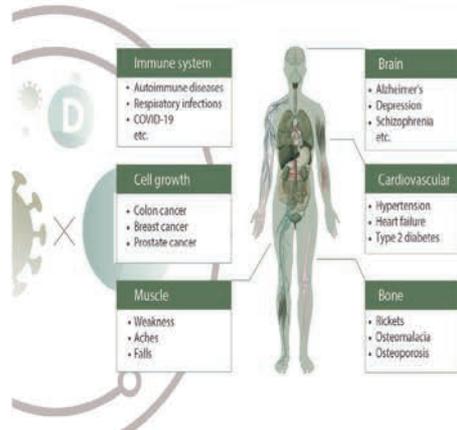
- ▶ The level of 25-OH-VD was detected to prevent vitamin D deficiency;
- ▶ Diagnosis specific disorder (osteomalacia, proximal anterior myopathy, vitamin D poisoning);
- ▶ Rickets diagnosis and treatment monitoring;
- ▶ Physical exploration and risk assessment of various related diseases (osteoporosis, fall, fracture, tumor, diabetes, type I and type II, multiple sclerosis, rheumatoid arthritis, etc.);
- ▶ Combined with other bone markers to monitor the therapeutic effect of bone diseases.

Steps of Operation



Note: Special tip is sealed in the sealed pouch

“ Various non-communicable diseases are associated with low vitamin D plasma levels ”



There is ample evidence that various non-communicable diseases (hypertension, diabetes, CVD, metabolic syndrome) are associated with low VD plasma levels. These comorbidities, together with the often concomitant VD deficiency, increase the risk of severe COVID-19 events.

The skin's natural VD synthesis is reduced when people have few opportunities to be exposed to the sun. The short half-lives of the vitamin make an increasing VD deficiency more likely.

Specific dietary advice, moderate supplementation or fortified foods can help prevent this deficiency.

Before calcium and VD supplementation, patients must be tested for VD in advance; During the period of taking medicine, it must be monitored every 3 to 6 months.

Interpretation of Result

25-OH-VD	Measuring Range	5.0 ng/mL - 70 ng/mL
	Cut-Off Value	30 ng/mL

