

25-hydroxy-vitamin D test

Timely and accurate detection,
facilitating reasonable VD supplementation.

Approximately 7% of the world's population suffers from severe vitamin D deficiency, or is unable to obtain normal doses of vitamin D.^[1]



Vitamin D deficiency increases the risk of many diseases

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|---------------------------|---------------------------|-----------------|
| 1. Rickets | 2. Osteomalacia | 3. Osteoporosis |
| 4. Cancer | 5. Cardiovascular disease | 6. Diabetes |
| 7. Chronic kidney disease | 8. Autoimmune diseases | |

The 2022 **European Society for Clinical Nutrition and Metabolism (ESPEN)** micronutrient guidelines recommend that all people at risk of vitamin D depletion or deficiency should have their vitamin D status determined; for patients with repeated vitamin D deficiency, they should take vitamin D continuously for 2 months at a dose of 4 000 to 5 000 U (100 to 125 μ g) per day to bring the blood 25(OH)D level to 40 to 60 μ g/L. More doses may be needed. The severity of the deficiency and the dosage required for treatment will determine the frequency of blood testing to ensure efficacy and safety.

NEW upgrade for PRECISION



5 major advantages:

-  **High sensitivity**
-  **Wide linear range**
-  **Can detect peripheral blood**
-  **Accurate results**
-  **Short testing time**



UPT2800



MQ 60Smart



MQ 60proB



MQ 60Plus

VD reagent information sheet

Product name	Specification	Testing time	Compatible analyzers
25-hydroxy-vitamin D test (Chemiluminescence Immunoassay)	60 Tests/Kit	20min	MQ60 Smart, MQ60 proB, MQ60 Plus
25-hydroxy-vitamin D test (Up-converting Phosphor Technology)	20T/Kit, 40T/Kit	15min	UPT2800

1. <https://www.nature.com/articles/s41574-021-00593-z>