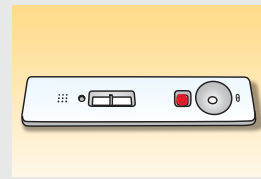
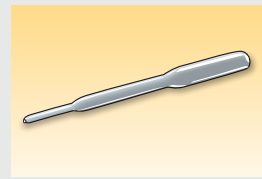




Kit Contents



25 Test cartridges



25 Blood droppers



3 Buffer Vial - 3ml

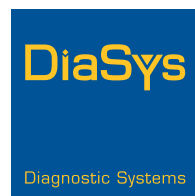


1 Pack insert

Accessories*

- Lancing device
- Lancets
- Alcohol swabs
- Timer / clock

*Sold separately



CHOOSING QUALITY.

DiaSys Diagnostics India Private limited
 Unit No: 3B / 33 & 34, 3rd Floor,
 Phoenix Paragon Plaza, LBS Marg,
 Kurla West, Mumbai - 400 070.
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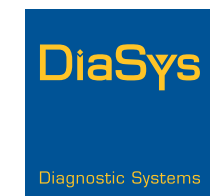
Ad-Mission Graphic House



Rapid Test For Vitamin D



Qualitative Proprietary Whole Blood Rapid Test



CHOOSING QUALITY.

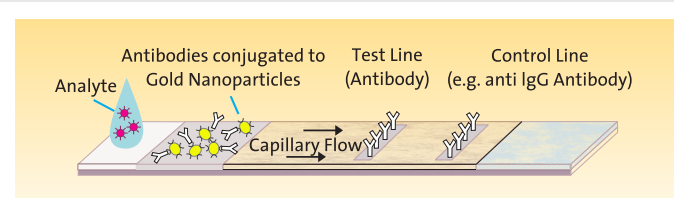
Principle

Qualitative human Lateral Flow Immunoassay (LFIA) POCT for 25-hydroxyvitamin D.

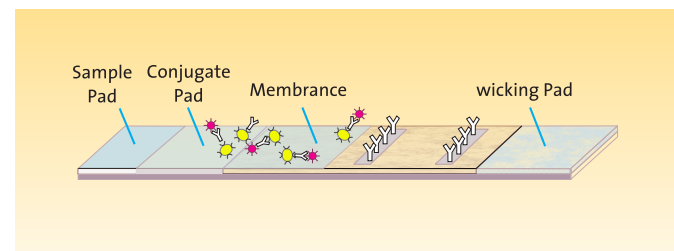


is based on the principle of a competitive enzyme immunoassay. The assay system utilizes a monoclonal antibody **specific for vitamin D**.

Lateral Flow Assay Architecture

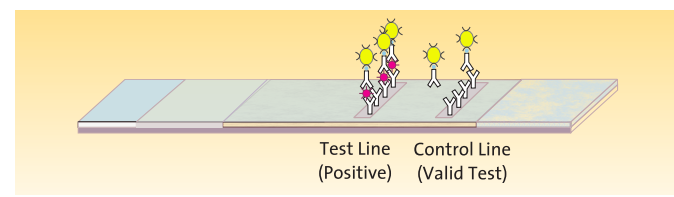


The vitamin D present in the blood sample competes with the vitamin D on the test strip for limited number of antibody-gold conjugate molecules.



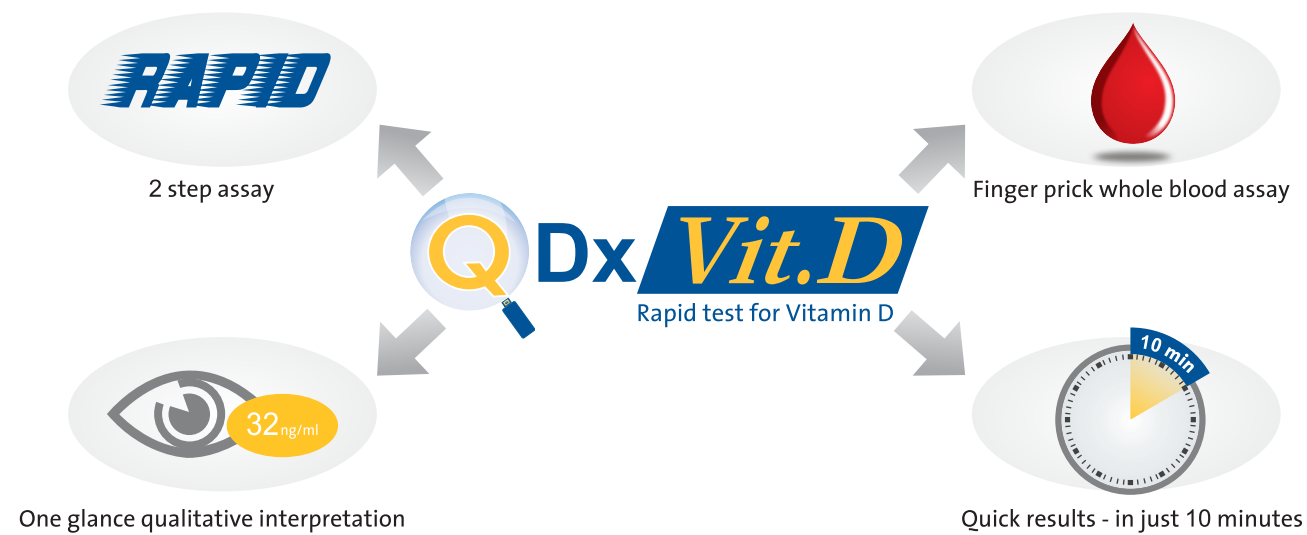
When the amount of vitamin D is :

- $32 \pm 6 \text{ ng/ml}$ ($80 \pm 15 \text{ nmol/L}$) or more, it will prevent the binding of vitamin D present on the test strip to antibody - gold conjugate. Therefore, a sufficient sample will not show the coloured band in the test line zone.
- $< 32 \pm 6 \text{ ng/ml}$ ($80 \pm 15 \text{ nmole/L}$), the free antibody-gold conjugate molecule will bind to vitamin D on the test strip and will show a coloured band in test line zone.



A control band is present in the test window to work as procedural storage and control.

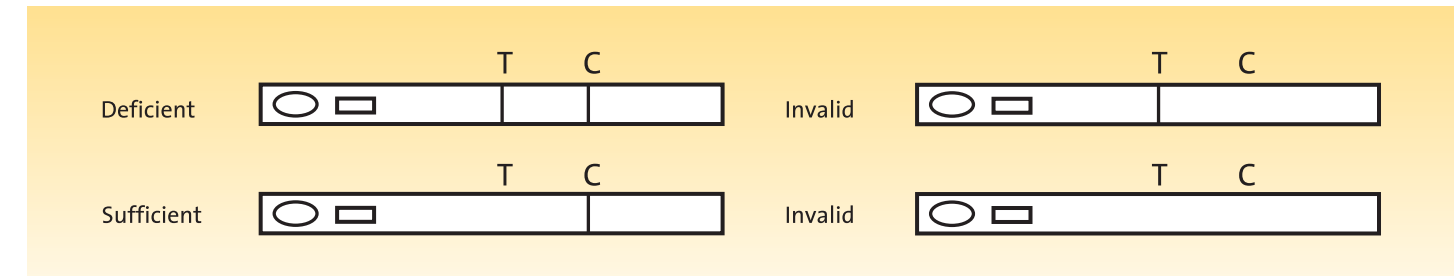
A Novel Method That Facilitates...



Simple Two Step Procedure



One Glance Qualitative Interpretation



Performance

Specificity: No interference and cross reactivity was observed with human serum albumin, cholesterol and vitamin A.

Sensitivity: The sensitivity level of "QDx Vit. D" is $32 \text{ ng/ml} \pm 6 \text{ ng/mL}$

Accuracy: The accuracy of the "QDx Vit. D" test was evaluated in comparison to total 25 hydroxy Vitamin D assay of Chemiluminescence system at a cutoff concentration of $32 \text{ ng/ml} \pm 6 \text{ ng/ml}$. 25 human blood samples were tested and results from "QDx Vit. D" were found to be in agreement with total 25 hydroxy Vitamin D assay of Chemiluminescence system