

TEST FOR VITAMIN D DEFICIENCY



Within 10 minutes, Test4D3 lets you know if we or our pets are vitamin D deficient or not, with a simple yes or no response.



HORSES

- Rhabdomyolysis, which is essentially a chronic muscle inflammatory condition
- Poor muscle recovery time and cramping after exercise
- Poor reaction to stress resulting from travel, training and competing
- A greater potential to develop laminitis because of the link between laminitis and insulin resistance



CATTLE

- In adults, lameness and pelvic fracture are a common sequel of vitamin D deficiency. Under most circumstances 10,000 IU/day (16 IU vitamin D/kg BW) should provide adequate vitamin D for dairy cows during late gestation.



DOGS

- Both juvenile and older dogs can be affected by Osteoporosis.
- Various Cancers



CATS

- Rickets and progressive paralysis.



BIRDS

- Bent or easily fractured bones.



HUMANS

- Vitamin D deficiency has been linked to :
- 17 types of Cancer
 - Osteoporosis & Rickets
 - Heart Disease & Blood Pressure
 - Depression

- Multiple Sclerosis
- Alzheimer's & Dementia
- A weak immune system, colds & flu prevention
- Fatigue, weak muscles & sluggishness

Risk factors for Vitamin D Deficiency:

- Bone Disorders/development
- 17 types of Cancers
- Falls & weaker muscles in Aged
- Colds & Flu infections because of a weakened immune system
- Diabetes with blood sugar issues

Vitamin D levels below 32 ± 6 ng/ml (80 ± 15 nmol/L) are considered deficient

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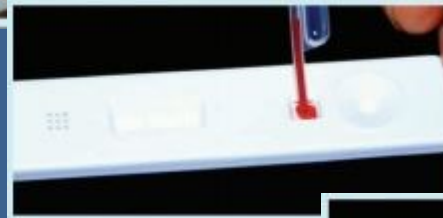
Vitamin D test :



Step 1—1 drop of blood serum



Step 2—place drop of blood / serum on test strip



Step 3—solution buffer is added. 7 Drops.



Test4D™ will show 2 dark lines (as pictured) if sample is vitamin D deficient. Only 1 line (control line) will appear if vitamin D levels are sufficient



10 minutes later, test is complete

Did you know...

- Vitamin D is not actually a vitamin, but a group of fat-soluble secosteroids
- In animals vitamin D is unique both because it functions as a prohormone and because when sun exposure is adequate the body can synthesize it as vitamin D3
- Is crucial in the process of calcium absorption into the bone & teeth.
- Other co-factors are Calcium, Magnesium & Vitamin K2, all essential for health.



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