

TEST FOR VITAMIN D DEFICIENCY

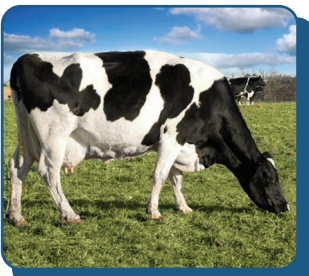


Within 10 minutes, Test4D™ lets you know if the animal is vitamin D deficient or not, with a simple yes or no response.



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 sequelae 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.

BIRDS

- Bent or easily fractured bones.



CATS

- Rickets and progressive paralysis.

Risk factors for Vitamin D Deficiency:

- Bone disorders/development
- Rickets
- Decreased immune system function
- Susceptibility to infections because of a weakened immune system
- Insulin resistance with blood sugar issues

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

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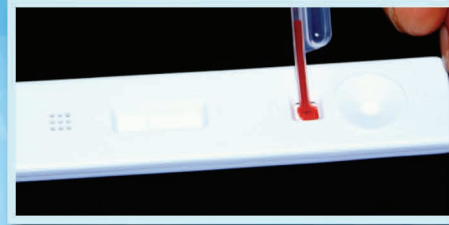
REPTILES

- Just like other mammals, reptiles need vitamin D3 (for Ca absorption) to grow and maintain strong bones.

Vitamin D Test



**1 drop of
blood/serum**



**Place drop of
blood/serum
on test strip**



**Solution buffer is
added. 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
- According to many experts, vitamin D deficiency is not latitude dependent

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



Made in 



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