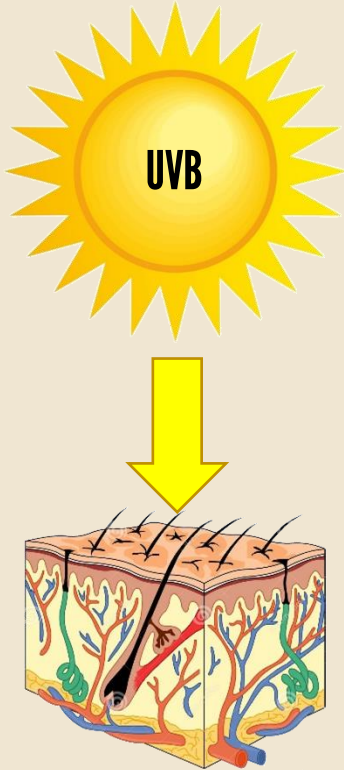


Unique Properties of Vitamin D3 Produced in the Skin



Vitamin D3 made in the skin is used by skin cells that cannot rely on vitamin D from the blood

- ↓ DNA Damage
Cell Death
- ↑ DNA Repair

D3 is taken directly into skin cells for local conversion and use

Slowly released into the bloodstream where D3 is available for access to cells and tissues for 2-3 times longer than when taken as a single oral dose

Pre-vitamin D3 is destroyed by continued sun exposure and converted into other molecules after a maximum amount of D3 has been produced - a built-in method to prevent toxicity

