



## Vitamin D3 [OVA] (DAG-WT086)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Product Overview</b>	Vitamin D3 conjugated with OVA
<b>Species</b>	N/A
<b>Conjugate</b>	OVA
<b>Format</b>	Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements.
<b>Size</b>	1 mg
<b>Buffer</b>	0.01M PBS, pH7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at <4°C. Protect from light

### BACKGROUND

**Introduction** Vitamin D refers to a group of fat-soluble secosteroids responsible for increasing intestinal absorption of calcium, iron, magnesium, phosphate, and zinc. In humans, the most important compounds in this group are vitamin D3 (also known as cholecalciferol) and vitamin D2 (ergocalciferol). Cholecalciferol and ergocalciferol can be ingested from the diet and from supplements. Very few foods contain vitamin D; synthesis of vitamin D (specifically cholecalciferol) in the skin is the major natural source of the vitamin. Dermal synthesis of vitamin D from cholesterol is dependent on sun exposure (specifically UVB radiation).

**Keywords** Cholecalciferol; VD3; Vitamin D3