

## Vitamin D2 (VD2) ELISA Kit-Competitive

**Cat. No.:** EK2F149

**Product Type:** Animal Immunoassay Kits

**Size:** 96T

### Product Overview

BioVenic General Vitamin D2 (VD2) ELISA Kit-Competitive is designed for the quantitative determination of General Vitamin D2 (VD2) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Competitive ELISA method. For research use only.

### Specifications

|                    |  |
|--------------------|--|
| Assay Type         | ELISA-Competitive  |
| Specificity        | The assay kit is specific for General VD2.   |
| Target Species     | General  |
| Species Reactivity | General  |
| Detection Range    | 1.57-100 ng/mL   |
| Sensitivity        | 0.53 ng/mL   |
| Reproducibility    | Intra-Assay: CV < 10%; Inter-Assay: CV < 10%   |
| Assay Time         | Around 120 min   |
| Sample Requirement | Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids. |

### Target Information

Vitamin D2 is also known as ergocalciferol. It is a secosteroid formed by a photochemical bond breaking of a steroid. It helps the body absorb calcium and is used to treat conditions such as hypoparathyroidism (decreased functioning of the parathyroid glands), rickets (softening of the bones caused by vitamin D deficiency), and low levels of phosphate in the blood (hypophosphatemia).

|                  |   |
|------------------|---|
| Target/Biomarker | General VD2                                 |
| Target Synonym   | Ergocalciferol; Deltalin; Drisdol; Calcidol |

### Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

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The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.