

## General 25-OH-D (25 Hydroxy Vitamin D) ELISA Kit | 25-OH-D elisa kit

General 25-OH-D (25 Hydroxy Vitamin D) ELISA Kit

CATALOG #  
**AAA276949**

REACTIVITY  
**General**

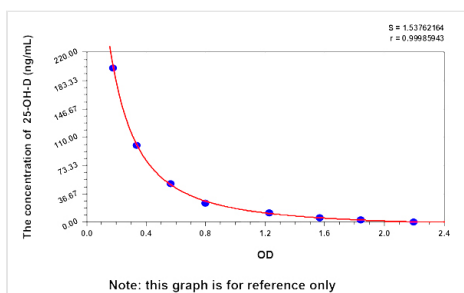
### PRODUCT SYNONYMS

25-OH-D (25 Hydroxy Vitamin D); General 25-OH-D (25 Hydroxy Vitamin D) ELISA Kit; 25 Hydroxy Vitamin D; 25-OH-D elisa kit

### PRODUCT SPECIFICATIONS

|                       |                                                                                                                                                                                                 |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity            | General                                                                                                                                                                                         |
| Specificity           | This assay has high sensitivity and excellent specificity for detection of General 25-OH-D. No significant cross-reactivity or interference between General 25-OH-D and analogues was observed. |
| Assay Type            | Competitive                                                                                                                                                                                     |
| Detection Range       | 3.13-200 ng/mL                                                                                                                                                                                  |
| Sensitivity           | 0.91 ng/mL                                                                                                                                                                                      |
| Intra-assay Precision | Intra-assay Precision (Precision within an assay)? CV%<8% Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.                           |
| Inter-assay Precision | Inter-assay Precision (Precision between assays)? CV%<10% Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.                            |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for 25-OH-D elisa kit

**Principle of the Assay:** This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with 25 Hydroxy Vitamin D(25-OH-D) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to 25 Hydroxy Vitamin D(25-OH-D). Next,Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of 25 Hydroxy Vitamin D(25-OH-D) in the samples is then determined by comparing the OD of the samples to the standard curve.

#### Product Categories/Family for 25-OH-D elisa kit

[Reproductive science](#); [Genetic science](#); [Nutrition metabolism](#); [Bone metabolism](#)

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://www.aaabiotech.com/general-elisa-kits/25-oh-d-25-hydroxy-vitamin-d/276949>