

# 25-hydroxy Vitamin D (Anti-Vitamin 25 OH)

Item Number: 25-OH-VitaminD

## Introduction

Buy high-quality 25-hydroxy vitamin D antibodies for ELISA & Immunofluorescence assays. Accurate detection of Vitamin D2 & D3. See cross-reactivity & performance data here.

[Learn More](#)

Feature	Description
Product Name	Anti-Vitamin 25 OH D2/D3
Description	Monoclonal antibody recognizing both 25 OH Vitamin D2 and 25 OH Vitamin D3. In vitro cultured mouse monoclonal antibody.
Application	ELISA
Form/Appearance	Liquid
Concentration	> 1.0 mg/ml
Isotype	IgG1
Clonality	Monoclonal
Specificity	Antibody recognizes natural 25 OH Vitamin D2 and 25 OH Vitamin D3
Buffer	0.1 M PBS, pH 7.4, 0.9 % NaCl, 0.05 % NaN3 as a preservative
Cross Reactivity	Vitamin D3 < 3 %, Vitamin D2 ~ 1 %, 1, 25(OH)2 Vitamin D3* 20 %, 1, 25(OH)2 Vitamin D2* ~ 2 %. *The concentration in blood is very low, about 0.1 %
Associated Products	Vitamin D antigen, BSA conjugated 710048; Vitamin D antigen, Biotin conjugated 710049; Vitamin D antigen, NH2 710070; Vitamin D antigen, COOH 710071

Condition	Details
Storage	+2-8°C
Shipping	Cold packs
Shelf Life	10 years

Indicator	Requirement
<b>Appearance</b>	Product outer packaging box and aluminum foil packaging bag should be intact and undamaged.
<b>Whole Blood Buffer (Getein1100)</b>	<i>(Only applicable to kits with Getein1100 analyzer)</i>
Appearance	Buffer should be clear and transparent, without suspended matter. Bottle should be tight and leak-proof.
Volume	Buffer volume should be 2.0mL, with a net content within the range of 2.0g ± 0.10g.
pH	Buffer pH should be within the range of 7.2 ± 0.2.
<b>Test Strip</b>	
Appearance	Appearance should be neat, flat, without burrs, damage, or contamination; materials should be firmly attached.
Width	Width should not exceed ±0.20mm of the nominal value, with a nominal value of 4.00mm.
Migration Speed	Liquid migration speed should not be less than 10mm/min.
<b>Lower Limit of Detection</b>	Concentration should not be higher than 8.0ng/mL (20nmol/L).
<b>Linear Range</b>	Within the range of 8.0-70.0ng/mL (20-175nmol/L), linear correlation coefficient $r \geq 0.990$ .
<b>Accuracy</b>	Relative deviation should be no greater than 20%.
<b>Repeatability</b>	Repeatability should be no greater than 10%.

Feature	Description
Condition	Details
Indicator	Requirement
<b>Inter-batch Precision</b>	Inter-batch difference should be no greater than 15%.
<b>Stability Testing</b>	Store at 4~30°C, aluminum foil bag sealed. Test product within 1 month of expiration date, and the test results should meet the requirements of items 2.1~2.8.