

## 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

Access     Access       Access     Accecoccess       Access </th <th>Feature</th> <th>Description</th>	Feature	Description
Replication     ELSA       om/Appearance     Liquid       cancentration     > 1.0 mg/ml       sotype     IgG1       tomal point     Monoclonal       tomal point     0.1 M PBS, pH 7.4, 0.9 % NACI, 0.05 % NAN3 as a preservative       tuffer     0.1 M PBS, pH 7.4, 0.9 % NACI, 0.05 % NAN3 as a preservative       tuffer     0.1 M PBS, pH 7.4, 0.9 % NACI, 0.05 % NAN3 as a preservative       tuffer     0.1 M PBS, pH 7.4, 0.9 % NACI, 0.05 % NAN3 as a preservative       tuffer     0.1 M PBS, pH 7.4, 0.9 % NACI, 0.05 % NAN3 as a preservative       tuffer     0.1 M PBS, pH 7.4, 0.9 % NACI, 0.05 % NAN3 as a preservative       tuffer     0.1 M PBS, pH 7.4, 0.9 % NACI, 0.05 % NAN3 as a preservative       tuffer     0.1 M PBS, pH 7.4, 0.9 % NACI, 0.05 % NAN3 as a preservative       tuffer     0.1 M PBS, pH 7.4, 0.9 % NACI, 0.05 % NAN3 as a preservative       tuffer     Vitamin D antigen, ESA conjugated 710048; Vitamin D antigen, Bloth conjugated 710049; Vitamin D antigen, SDA conjugated 710048; Vitamin D antigen, SDA conjugated S	Product Name	Anti-Vitamin 25 OH D2/D3
Instrume     Iquid       concentration     1.0 mg/ml       concentration     1.0 mg/ml       concentration     Iquid       concentration     Iquid <td>Description</td> <td>Monoclonal antibody recognizing both 25 OH Vitamin D2 and 25 OH Vitamin D3. In vitro cultured mouse monoclonal antibody.</td>	Description	Monoclonal antibody recognizing both 25 OH Vitamin D2 and 25 OH Vitamin D3. In vitro cultured mouse monoclonal antibody.
concentration     > 1.0 mg/ml       sotype     IgG1       islonality     Monocional       islonality     Antibody recognizes natural 25 OH Vitamin D2 and 25 OH Vitamin D3       islonality     0.1 M PBS, pH 7.4, 0.9 % NACI, 0.05 % NAN3 as a preservative       islonality     0.1 M PBS, pH 7.4, 0.9 % NACI, 0.05 % NAN3 as a preservative       islonation     0.1 M PBS, pH 7.4, 0.9 % NACI, 0.05 % NAN3 as a preservative       islonation     0.1 M PBS, pH 7.4, 0.9 % NACI, 0.05 % NAN3 as a preservative       islonation     0.1 M PBS, pH 7.4, 0.9 % NACI, 0.05 % NAN3 as a preservative       islonation     0.1 M PBS, pH 7.4, 0.9 % NACI, 0.05 % NAN3 as a preservative       islonation     0.1 M PBS, pH 7.4, 0.9 % NACI, 0.05 % NAN3 as a preservative       islonation     0.1 M PBS, pH 7.4, 0.9 % NACI, 0.05 % NAN3 as a preservative       islonation     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 %       islonation     Vitamin D antigen, BSA conjugated 710048; Vitamin D antigen, Biotin conjugated 710049; Vitamin D antigen, NH2 710070; Vitamin D antigen, COOH 710071       islonation     Cold packs     Islonation       islonation     Cold packs     Islonation       islonatiscotion     Islonatiscotion	Application	ELISA
sotype     igG1       ionality     Monoclonal       ionality     Antibody recognizes natural 25 OH Vitamin D2 and 25 OH Vitamin D3       ipecificity     Antibody recognizes natural 25 OH Vitamin D2 and 25 OH Vitamin D3       ituffer     0.1M PBS, pH 7.4. 0.9 % NaCl, 0.05 % NaN3 as a preservative       ituffer     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 %	Form/Appearance	Liquid
Idenality   Monoclonal     igecificity   Antibody recognizes natural 25 OH Vitamin D2 and 25 OH Vitamin D3     huffer   0.1 M PB5, 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 %	Concentration	> 1.0 mg/ml
And the body recognizes natural 25 OH Vitamin D2 and 25 OH Vitamin D3     Indefer   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 %	Isotype	lgG1
0.1 M PBS, pH 7.4, 0.9 % NaCl. 0.05 % NaNJ 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 %	Clonality	Monoclonal
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 %	Specificity	Antibody recognizes natural 25 OH Vitamin D2 and 25 OH Vitamin D3
rdos Reactivity   about 0.1 %     ssociated Products   Vitamin D antigen, BSA conjugated 710048; Vitamin D antigen, Biotin conjugated 710049; Vitamin D antigen, NH2 710070; Vitamin D     ssociated Products   Vitamin D antigen, BSA conjugated 710048; Vitamin D antigen, Biotin conjugated 710049; Vitamin D antigen, NH2 710070; Vitamin D     storage   Details     storage   2-8°C     storage   Cold packs     storage   10 years     andicator   Requirement     Vitobi Blood Buffer   Product outer packaging box and aluminum foil packaging bag should be intact and undamaged.     Vitobi Blood Buffer   Only applicable to kits with Getein1100 analyzer)     Suppearance   Buffer should be clear and transparent, without suspended matter. Bottle should be tight and leak-proof.     Suppearance   Buffer volume should be 2.0mL, with a net content within the range of 2.0g ± 0.10g.     Buffer pH should be within the range of 7.2 ± 0.2.   Suppearance	Buffer	0.1 M PBS, pH 7.4, 0.9 % NaCl, 0.05 % NaN3 as a preservative
Issectated Products   antigen, COOH 710071     Indicion   Details     Indicator   Pace     Indicator   Requirement     Indicator   Requirement   Indicator	Cross Reactivity	
itiorage   +2-8°C     itipping   Cold packs     itipping   10 years     itipping   Product outer packaging box and aluminum foil packaging bag should be intact and undamaged.     itippearance   Product outer packaging box and aluminum foil packaging bag should be intact and undamaged.     itippearance   Conly applicable to kits with Getein1100 analyzer)     itippearance   Buffer should be clear and transparent, without suspended matter. Bottle should be tight and leak-proof.     itippearance   Buffer volume should be 2.0mL, with a net content within the range of 2.0g ± 0.10g.     itip external   Buffer pH should be within the range of 7.2 ± 0.2.	Associated Products	
chipping   Cold packs     shelp Life   10 years     andicator   Requirement     Nopearance   Product outer packaging box and aluminum foil packaging bag should be intact and undamaged.     Vhole Blood Buffer Getein1100   (Only applicable to kits with Getein1100 analyzer)     Nopearance   Buffer should be clear and transparent, without suspended matter. Bottle should be tight and leak-proof.     Noume   Buffer volume should be 2.0mL, with a net content within the range of 2.0g ± 0.10g.     H   Buffer pH should be within the range of 7.2 ± 0.2.	Condition	Details
shelf Life   10 years     ndicator   Requirement     Appearance   Product outer packaging box and aluminum foil packaging bag should be intact and undamaged.     Vhole Blood Buffer   (Only applicable to kits with Getein1100 analyzer)     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.     H   Buffer pH should be within the range of 7.2 ± 0.2.	Storage	+2-8°C
Indicator     Requirement       Appearance     Product outer packaging box and aluminum foil packaging bag should be intact and undamaged.       Whole Blood Buffer Getein1100)     (Only applicable to kits with Getein1100 analyzer)       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.       Buffer pH should be within the range of 7.2 ± 0.2.	Shipping	Cold packs
Appearance   Product outer packaging box and aluminum foil packaging bag should be intact and undamaged.     Whole Blood Buffer Getein1100   (Only applicable to kits with Getein1100 analyzer)     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.     Where Strip   Buffer pH should be within the range of 7.2 ± 0.2.	Shelf Life	10 years
Whole Blood Buffer   (Only applicable to kits with Getein1100 analyzer)     (Only applicable to kits with Getein1100 analyzer)   Buffer should be clear and transparent, without suspended matter. Bottle should be tight and leak-proof.     (olume   Buffer volume should be 2.0mL, with a net content within the range of 2.0g ± 0.10g.     bH   Buffer pH should be within the range of 7.2 ± 0.2.	Indicator	Requirement
Getein1100)   (Only applicable to kits with Getein1100 analyzer)     Appearance   Buffer should be clear and transparent, without suspended matter. Bottle should be tight and leak-proof.     Yolume   Buffer volume should be 2.0mL, with a net content within the range of 2.0g ± 0.10g.     HH   Buffer pH should be within the range of 7.2 ± 0.2.	Appearance	Product outer packaging box and aluminum foil packaging bag should be intact and undamaged.
Yolume Buffer volume should be 2.0mL, with a net content within the range of 2.0g ± 0.10g.   WH Buffer pH should be within the range of 7.2 ± 0.2.	Whole Blood Buffer (Getein1100)	(Only applicable to kits with Getein1100 analyzer)
Buffer pH should be within the range of 7.2 ± 0.2.	Appearance	Buffer should be clear and transparent, without suspended matter. Bottle should be tight and leak-proof.
Test Strip	Volume	Buffer volume should be 2.0mL, with a net content within the range of 2.0g $\pm$ 0.10g.
	рН	Buffer pH should be within the range of 7.2 $\pm$ 0.2.
ppearance Appearance should be neat, flat, without burrs, damage, or contamination; materials should be firmly attached.	Test Strip	
	Appearance	Appearance should be neat, flat, without burrs, damage, or contamination; materials should be firmly attached.
Vidth Width should not exceed ±0.20mm of the nominal value, with a nominal value of 4.00mm.	Width	Width should not exceed $\pm 0.20$ mm of the nominal value, with a nominal value of 4.00mm.
ligration Speed Liquid migration speed should not be less than 10mm/min.	Migration Speed	Liquid migration speed should not be less than 10mm/min.
ower Limit of Detection Concentration should not be higher than 8.0ng/mL (20nmol/L).	Lower Limit of Detection	Concentration should not be higher than 8.0ng/mL (20nmol/L).
inear Range Within the range of 8.0-70.0ng/mL (20-175nmol/L), linear correlation coefficient $r \ge 0.990$ .	Linear Range	Within the range of 8.0-70.0ng/mL (20-175nmol/L), linear correlation coefficient $r \ge 0.990$ .
Accuracy Relative deviation should be no greater than 20%.	Accuracy	Relative deviation should be no greater than 20%.
Repeatability Repeatability should be no greater than 10%.	Repeatability	Repeatability should be no greater than 10%.



Feature	Description
Condition	Details
Indicator	Requirement
Inter-batch Precision	Inter-batch difference should be no greater than 15%.
Stability Testing	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 $2.1-2.8$ .