

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 ± 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 $2.1-2.8$.