

Version 1.0

Update: 04/02/2019

## 25-OH Vitamin D2&D3 Monoclonal Antibodies

Cat. No.	Name	Clone
V00201	25-OH Vitamin D2&D3 Antibody (2E16), mAb, Mouse	2E16
V00202	25-OH Vitamin D2&D3 Antibody (D23HC)	D23HC

<b>Specificity</b>	25-OH Vitamin D2 and 25-OH Vitamin D3
<b>Isotype</b>	Mouse IgG1 for 2E16 Recombinant human IgG1 for D23HC.
<b>Production</b>	Cultured in vitro under conditions free from animal-derived components
<b>Purification</b>	Protein A/G affinity column
<b>Formulation</b>	1) PBS, pH 7.4, containing 0.03% Proclin 300 2) 50 mM Na-citrate, 150 mM NaCl, pH 7.0, containing 0.03% Proclin 300 * *: For new batch since 09/01/2018, please refer to COA.
<b>Storage</b>	For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.
<b>Application</b>	CLIA and ELISA
<b>Background</b>	Vitamin D plays an important role in calcium homeostasis and metabolism. Vitamin D3 and vitamin D2 are two forms of vitamin D in human body, both of which only a few foods contain. The deficiency of vitamin D in human body can cause a threat of diseases such as osteomalacia, rickets and diabetes. 25-OH Vitamin D2 and 25-OH Vitamin D3 as vitamin D metabolites are measured in human serum to evaluate vitamin D level. Vitamin D supplements are considered as an effective way to treat or to prevent the diseases.

Product stability	Temperature, Time	Result for clone 2E16	
	-80°C, 21 days	OK	
-20°C, 21 days	OK		
4°C, 21 days	OK		
20°C, 21 days	OK		
37°C, 21 days	OK		
40°C, 21 days	OK		

  

Recognition	Clones		
	25-OH Vitamin D3 Conjugates	2E16	D23HC
25-OH Vitamin D3-BSA Conjugate (GenScript, T00101)	No	Yes	
25-OH Vitamin D3-HRP Conjugate (GenScript, T00102)	No	Yes	
The commercial 25-OH Vitamin D3-BSA Conjugates	Yes	Yes	

  

Note	
GenScript can customize this product per customer's request including product size, buffer components, etc.	

*For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.*