

Data Sheet

25(OH) VITAMIN D₃

ANTIBODY, MONOCLONAL

Catalog no.:	A 1025.1 / A 1025.2
Immunogen:	25(OH) D ₃ 3-Hemisuccinat-BSA
Synonyms:	Calcidiol, 25-hydroxycholecalciferol
Host:	Mouse Balb/c
Clone no.:	ID1, 25B
Isotype:	IgG ₁
Matrix:	Cell culture supernatant, Protein G purified, PBS pH 7.4, 2% BSA
Specificity:	Cross reactivity (determined with ELISA K 2109):

25(OH) D₃ (Calcidiol):	100 %
25(OH) D₂ (Ergocalcidiol):	68 %
24,25(OH)₂ D₃ (24,25-Dihydroxycholecalciferol):	≥ 100 %
D₃ (Cholecalciferol):	< 0.1 %
D₂ (Ergocalciferol):	0.3 %

There was no cross reactivity obtained with BSA.

Contents:	10 µg / 100 µg (lyophilized)
	Resuspend in 10 µl / 100 µl aqua bidest.

Known applications: ELISA (1:15 000-50 000)

This antibody has not been tested for use in all applications. This does not necessarily exclude its use in non-tested procedures. The stated dilutions are recommendations only. End users should determine optimal dilutions in their system using appropriate negative/positive controls.

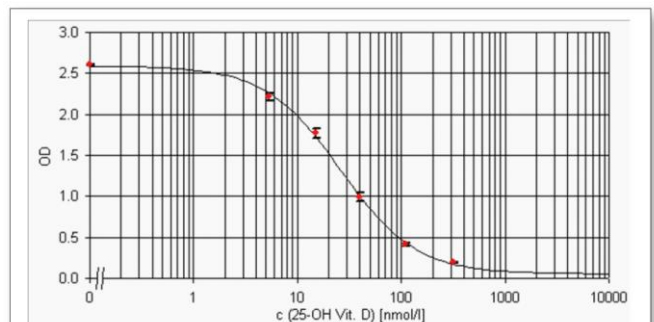
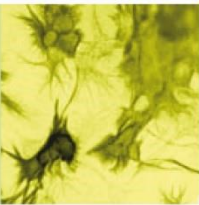
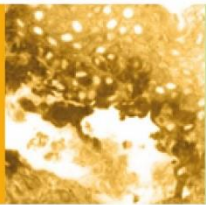


Figure 1: ELISA standard curve showing measurement of 25-OH Vitamin D in a competitive immunoassay using A 1025. OD was determined at 450 nm. The shown standard curve is for demonstration purposes only and can be influenced by buffer, incubation conditions or dilution of the conjugate.



Antibodies



Store at: 2-8 °C (lyophilized); - 20 °C (dissolved)
Repeated thawing and freezing must be avoided

Last updated on: March 16, 2022

For research use only

Publishing research using A 1025? Please let us know so that we can cite your publication as a reference.



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