Antibodies

Data Sheet

25(OH) VITAMIN D_3

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) D_3 (Calcidiol):	**100 %**
25(OH) D_2 (Ergocalcidiol):	**68 %**
24,25(OH)$_2$ D_3 (24,25-Dihydroxycholecalciferol):	**≥ 100 %**
D_3 (Cholecalciferol):	**< 0.1 %**
D_2 (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.
Store at:	2-8 °C (lyophilized); - 20 °C (liquid) Repeated thawing and freezing must be avoided
Last updated on:	22 July 2016

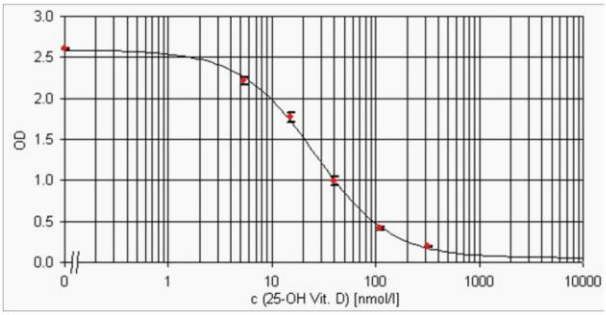

Figure 1: ELISA standard curve showing measurement of 25-OH Vitamin D in a competitive immunoassay using A 1025. OD was determined at 450 nm. The shown standard curve is for demonstration purposes only and can be influenced by buffer, incubation conditions or dilution of the conjugate.

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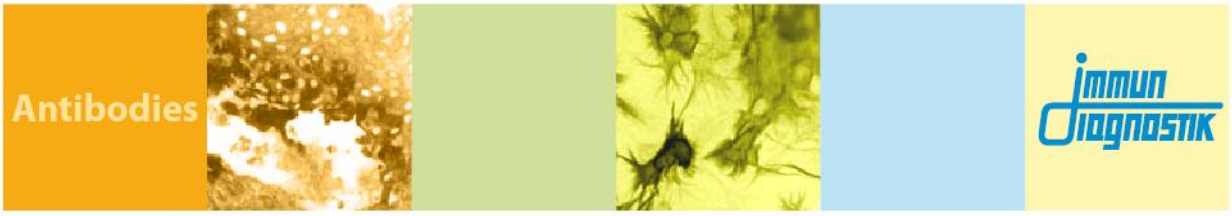

For research use only

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

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