

Data Sheet

25(OH) VITAMIN D₃

ANTIBODY, MONOCLONAL

Catalog no.:	A 1125.1 / A 1125.2										
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										
Specificity:	Cross reactivity (determined with ELISA K 2109): <table style="margin-left: 20px;"> <tr> <td>25(OH) D₃ (Calcidiol):</td> <td>100 %</td> </tr> <tr> <td>25(OH) D₂ (Ergocalcidiol):</td> <td>68 %</td> </tr> <tr> <td>24,25(OH)₂ D₃ (24,25-Dihydroxycholecalciferol):</td> <td>≥ 100 %</td> </tr> <tr> <td>D₃ (Cholecalciferol):</td> <td>< 0.1 %</td> </tr> <tr> <td>D₂ (Ergocalciferol):</td> <td>0.3 %</td> </tr> </table>	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 %
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 (liquid)

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: - 20 °C

Repeated thawing and freezing must be avoided

Last updated on: 16 March 2022

For research use only

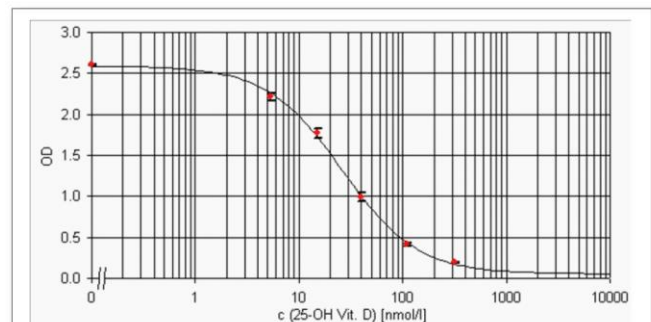
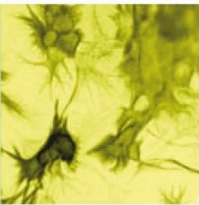
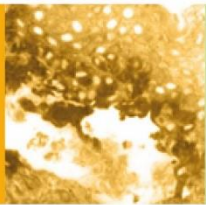


Figure 1: ELISA standard curve showing measurement of 25-OH Vitamin D in a competitive immunoassay using A 1025. OD was determined at 450 nm. The shown standard curve is for demonstration purposes only and can be influenced by buffer, incubation conditions or dilution of the conjugate.



Antibodies



Publishing research using A 1125? Please let us know so that we can cite your publication as a reference.



Immundiagnostik AG

Stubenwald-Allee 8a · 64625 Bensheim · Germany

Phone: +49 6251 70190-0 · Fax: +49 6251 70190-363 · dept.immunochemicals@immundiagnostik.com · www.immundiagnostik.com