

Product datasheet for **AM02005PU-S**

Vitamin D3 Mouse Monoclonal Antibody [Clone ID: ID125B]

Product data:

Product Type:	Primary Antibodies
Clone Name:	ID125B
Applications:	ELISA
Recommended Dilution:	ELISA (1/10000).
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	25-OH D3 3-Hemisuccinat-BSA.
Specificity:	This antibody detects 25-Hydroxy-Vitamin D3. Cross Reactivity (determined with ELISA K2109): 25-OH D3 (Calcidiol): 100% 1,25(OH) ₂ D3 (Ergocalcidiol): 68% 24,25(OH) ₂ D3 (24,25- Dihydroxycholecalciferol): >= 100%. D3 (Cholecalciferol): < 0.1% D2 (Ergocalciferol): 0.3%
Formulation:	PBS, pH 7.4 with 2% BSA State: Purified State: Lyophilized purified Ig fraction.
Reconstitution Method:	Restore in aqua bidest to 1 mg/ml.
Concentration:	1.0 mg/ml
Purification:	Protein G Chromatography.
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C and reconstituted at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.



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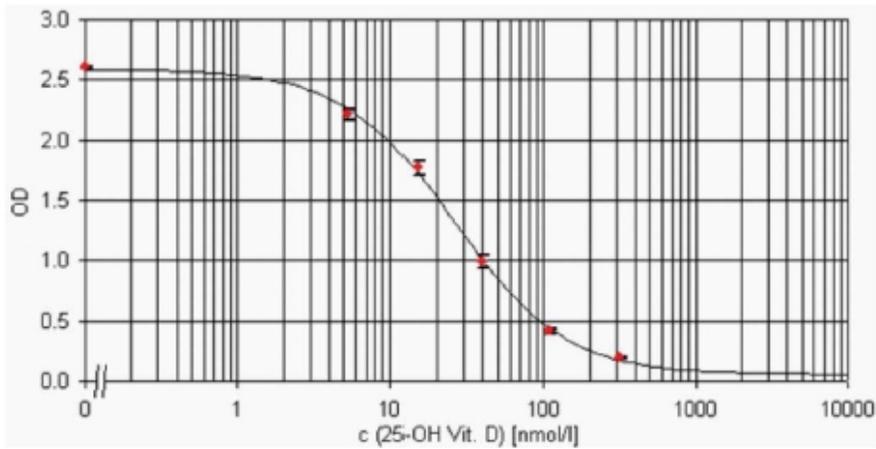
Product images:

Figure 1. ELISA standard curve showing measurement of 25-OH Vitamin D in a competitive immunoassay using AM02005PU-S antibody. OD was determined at 450 nm. The shown standard curve is for demonstration purposes only and can be influenced by Buffer, incubat