

Anti-Vitamin 25 OH D2/D3 3850

Product overview

Catalog number	700016
Specificity	Antibody recognizes natural 25 OH Vitamin D2 and 25 OH Vitamin D3
Description	Monoclonal antibody recognizing both 25 OH Vitamin D2 and 25 OH D3. <i>In vitro</i> cultured mouse monoclonal antibody.
Product buffer solution	0.1 M PBS, pH 7.4, 0.9 % NaCl, 0.05 % NaN ₃ as a preservative
Shelf life and storage	60 months from manufacturing at 2–8 °C
Subclass	IgG ₁
Analyte description	Vitamin D is a fat-soluble vitamin that is made by the body after exposure to ultraviolet rays. Vitamin D increases intestinal adsorption of calcium, magnesium and phosphate and is needed for normal bone growth. In humans, Vitamin D occurs in several forms including vitamin D2 and D3.

Parameters tested on each lot

Product appearance	Liquid
Product concentration	> 1.0 mg/ml
Immunoreactivity	Not Determined (N/D)
IEF Profile	N/D
Purity	N/D

Kinetic parameters

Association rate constant	N/D
Dissociation rate constant	N/D
Affinity constant	N/D
Determination method	-
Determination antigen	-



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Cross-reactivities	Vitamin D3	< 3 %
	Vitamin D2	~ 1 %
	1, 25(OH)2 Vitamin D3*	20 %
	1, 25(OH)2 Vitamin D2*	~ 2 %
	*The concentration in blood is very low, about 0,1 %	
Epitope	-	
Pair recommendations	-	
Platforms tested	ELISA	
Antigens tested	Vitamin D antigen, BSA conjugated, Medix Biochemica 710048 Vitamin D antigen, Biotin conjugated, Medix Biochemica 710049 Vitamin D antigen, NH ₂ , Medix Biochemica 710070 Vitamin D antigen, COOH, Medix Biochemica 710071	
Product stability	TEMPERATURE, TIME	TEMPERATURE, TIME
	N/D	-
Miscellaneous	Isoelectric point 6.6	
References	-	



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