

Product specifications

Name	Anti-Vitamin 25 OH D2/D3 3851
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 code	700017
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	Passed in ELISA when Anti-Vitamin 25 OH D2/D3 antibody 3851 was used as a capture antibody
IEF Profile	Not Determined (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 %
	3-epi-25OH Vitamin D3	< 0.5 %
	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 and 710060 Vitamin D antigen, Biotin conjugated, Medix Biochemica 710049 and 710061 Vitamin D antigen, NH ₂ , Medix Biochemica 710070 and 710062 Vitamin D antigen, COOH, Medix Biochemica 710071 and 710063	
Product stability	TEMPERATURE, TIME	RESULT
	N/D	-
Miscellaneous	Isoelectric point 7.4	
References	-	

Legal disclaimer

