

## Anti-Vitamin 25 OH D2/D3 3851

### Product overview

---

<b>Catalog number</b>	700017
<b>Specificity</b>	Antibody recognizes natural 25 OH Vitamin D2 and 25 OH Vitamin D3
<b>Description</b>	Monoclonal antibody recognizing both 25 OH Vitamin D2 and 25 OH D3. <i>In vitro</i> cultured mouse monoclonal antibody.
<b>Product buffer solution</b>	0.1 M PBS, pH 7.4, 0.9 % NaCl, 0.05 % NaN <sub>3</sub> as a preservative
<b>Shelf life and storage</b>	60 months from manufacturing at 2–8 °C
<b>Subclass</b>	IgG <sub>1</sub>
<b>Analyte description</b>	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

---

<b>Product appearance</b>	Liquid
<b>Product concentration</b>	> 1.0 mg/ml
<b>Immunoreactivity</b>	Passed in ELISA when Anti-Vitamin 25 OH D2/D3 antibody 3851 was used as a capture antibody
<b>IEF Profile</b>	Not Determined (N/D)
<b>Purity</b>	N/D

### Kinetic parameters

---

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



#### Legal disclaimer

<b>Cross-reactivities</b>	Vitamin D3	< 3 %
	Vitamin D2	~ 1 %
	3-epi-25OH Vitamin D3	< 0.5 %
	1, 25(OH) <sub>2</sub> Vitamin D3*	20 %
	1, 25(OH) <sub>2</sub> Vitamin D2*	~ 2 %
	*The concentration in blood is very low, about 0,1 %	
<b>Epitope</b>	-	
<b>Pair recommendations</b>	-	
<b>Platforms tested</b>	ELISA	
<b>Antigens tested</b>	Vitamin D antigen, BSA conjugated, Medix Biochemica 710048 Vitamin D antigen, Biotin conjugated, Medix Biochemica 710049 Vitamin D antigen, NH <sub>2</sub> , Medix Biochemica 710070 Vitamin D antigen, COOH, Medix Biochemica 710071	
<b>Product stability</b>	TEMPERATURE, TIME N/D	TEMPERATURE, TIME -
<b>Miscellaneous</b>	Isoelectric point 7.4	
<b>References</b>	-	



#### Legal disclaimer