

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
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

PARAMETERS DETERMINED DURING PRODUCT DEVELOPMENT

Subclass	IgG ₁
Association rate constant	N/D
Dissociation rate constant	N/D
Affinity constant	N/D
Determination method	-
Determination antigen	-

Legal disclaimer

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Cross-reactivities

Vitamin D3 < 3 %

Epitope

N/D

Pair recommendations
CAPTURE ANTIBODY
DETECTION ANTIBODY

-

-

Please note that pair recommendations are based on results obtained by our laboratory. Equally good results may be obtained using other pairs and therefore these recommendations are only indicative.

Product stability
TEMPERATURE, TIME
RESULT

N/D

-

Miscellaneous

Isoelectric point 7.4

References

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