

## PRODUCT SPECIFICATIONS

<b>Name</b>	Vitamin D antigen, COOH, 100 µg
<b>Description</b>	Synthetic Vitamin D antigen, carboxylic acid (COOH)
<b>Amino acid sequence</b>	-
<b>Production host</b>	-
<b>Product code</b>	710063
<b>Product formulation</b>	Lyophilized
<b>Product buffer solution</b>	-
<b>Reconstitution</b>	Reconstitute the lyophilized antigen with 100 µl of EtOH
<b>Shelf life and storage</b>	Lyophilized product 60 months at -20 °C. After reconstitution 6 months at -20 °C. Long term storage at -80 °C.
<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.
<b>Product concentration</b>	1 mg/ml when reconstituted with 100 ul of EtOH
<b>Purity</b>	Not determined (N/D)
<b>Reactivity with MedixMABs</b>	Anti-Vitamin 25 OH D2/D3 3850: + Anti-Vitamin 25 OH D2/D3 3851: +
<b>Other</b>	<p>This Vitamin D antigen includes COOH reactive group. It can be used for further conjugation.</p> <p>This synthetic antigen is designed to perform as a matching pair with the antibodies 3850 or 3851. It's reactivity with antibodies from other suppliers cannot be guaranteed due to the unique conjugation position.</p>

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