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45-1072: Mouse Monoclonal Antibody to 25-OH Vitamin D3 (Clone : 32F9C4) (Discontinued)

Clonality :	Monoclonal
Clone Name :	32F9C4
Application :	ELISA
Format :	Purified
Isotype :	Mouse IgG2a
Immunogen Information :	25-OH VD3-BSA

Description

25-OH vitamin D3 is measured worldwide to determine peopleÂ's vitamin D status by physicians. Its blood concentration is considered as the best indicator of vitamin D status in the body. Vitamin D is responsible for enhancing intestinal absorption of calcium. In humans, vitamin D3 and vitamin D2 are the most important compounds in Vitamin D family. The deficiency of vitamin D can increase the risk of many diseases including autoimmune diseases, cancers and type II diabetes. 25-OH Vitamin D3 is formed in the liver by hydroxylation of vitamin D3 by the enzyme. It is converted in the kidneys into 25-dihydroxyvitamin D3. 25-OH Vitamin D3 is also known as calcifediol, 25-Hydroxyvitamin D3, 25-Hydroxycholecalciferol.

Product Info

Amount :	100 µg
Purification :	Protein A chromatography
Content :	0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02% sodium azide
Storage condition :	The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Application Note

ELISA:: 0.04-0.1 µg/ml

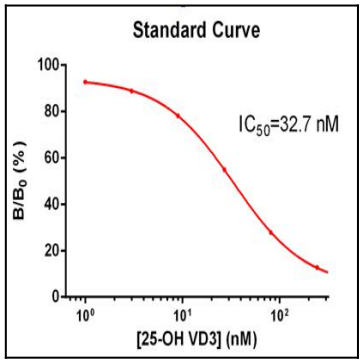

Figure-1 : Competitive ELISA of 25-OH Vitamin D3 Antibody (Clone: 32F9C4) on 25-OH Vitamin D3 protein.