

## CERTIFICATE OF ANALYSIS

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

**Catalog #:** K01214M **Lot #:** 2K32622  
Page 1 of 2

**Description:** MAb to Vitamin D (25 OH)  
Monoclonal Antibody to Human Vitamin D (25 OH Vitamin D)

**Specificity:** Recognizes Native Human 25 OH Vitamin D2 and 25 OH Vitamin D3.  
% Cross-Reactivity:

Compound	ELISA	RIA
25OH Vit D <sub>3</sub>	100%	100%
25OH Vit D <sub>2</sub>	83%	86%
1,25(OH) <sub>2</sub> Vit D <sub>3</sub>	20%	2.6%
1,25(OH) <sub>2</sub> Vit D <sub>2</sub>	1.9%	2.1%
Vit D <sub>3</sub>	2.9%	0.8%
Vit D <sub>2</sub>	1.3%	0.1%
24,25(OH) <sub>2</sub> Vit D <sub>3</sub>	≥ 100%	≥ 100% (Using spiked samples.)
25,26(OH) <sub>2</sub> Vit D <sub>3</sub>	≥ 100%	≥ 100%
3-epi-25OH Vit D <sub>3</sub>	0.1%	0.4%

**Host Animal:** Mouse **Isotype:** IgG1

**Source:** Cell Culture

**Immunogen:** Synthetic Human Vitamin D derivative-BSA

**Format:** Purified, Liquid

**Purification:** Protein A Chromatography

**Concentration:** 1.40 mg/mL (OD280nm, E<sup>0.1%</sup> = 1.45)

**Buffer:** 0.1 M Phosphate Buffered Saline, pH 7.4

**Preservative:** 0.05% Sodium Azide

**Applications:** Suitable for use in Lateral Flow, Point of Care (POCT), CLIA, ELISA and RIA. Recommended to use for Vitamin D testing. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Recommended pairing:

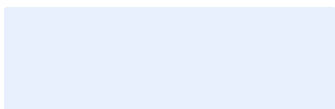
<u>Antibody</u>	<u>Antigen</u>	
K01214M	A01697B	Lateral Flow
K01214M	A01698B	ELISA and RIA

**Catalog #K01214M**  
**Page 2 of 2**

**Storage:** Upon receipt, store at 2-8°C.

**Safety Note(s):** Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature:



DD MMM YYYY

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**