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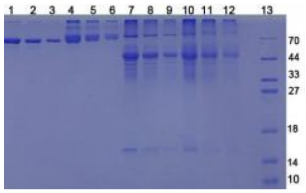
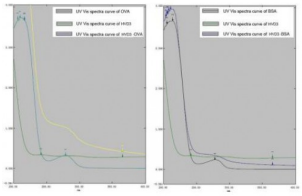
DATASHEET

25-Hydroxyvitamin D3 (OVA)

Catalogue No.:abx651172



SDS-PAGE analysis of (1) 4 µg BSA, (2) 2 µg BSA, (3) 1 µg BSA, (4) 8 µg HVD3-BSA, (5) 4 µg HVD3-BSA, (6) 2 µg HVD3-BSA, (7) 4 µg OVA, (8) 2 µg OVA, (9) 1 µg OVA, (10) 4 µg HVD3-OVA, (11) 2 µg HVD3-OVA, (12) 1 µg HVD3-OVA, and (13) Ladder/Marker. As HVD3 is a small molecule with a very low molecular weight, there is very little difference between the bands of the carrier protein and the conjugated product. The PAGE shows that the conjugation of HVD3 to the carrier protein was successful.



Left: UV-Vis spectrum of OVA, HVD3 and HVD3-OVA.
Right: UV-Vis spectrum of BSA, HVD3 and HVD3-BSA.

25-Hydroxyvitamin D3 (OVA) is a small molecule conjugated to OVA.

Target:	25-Hydroxyvitamin D3
Origin:	General
Tested Applications:	ELISA, SDS-PAGE
Purity:	> 90%
Form:	Lyophilized
Reconstitution:	Reconstitute in 10 mM PBS, pH 7.4, to a concentration of 0.1-1.0 mg/ml. Do not vortex.
Conjugation:	OVA
Storage:	Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.
Activity:	Not tested
Concentration:	Prior to lyophilization: 200 µg/ml
Buffer:	Prior to lyophilization: 10 mM PBS, pH 7.4.

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Note: This product is for research use only.