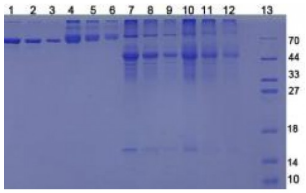
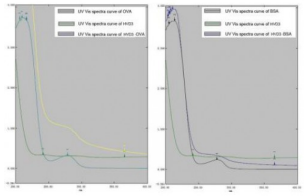
25-Hydroxyvitamin D3 (Calcidiol) (OVA)

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 (Calcidiol)
Origin:	General
Expression:	Synthetic
Tested Applications:	SDS-PAGE
Conjugation:	OVA
Form:	Lyophilized
Purity:	> 90%
Reconstitution:	To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH_2O. If a lower concentration is required, dilute in PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in PBS, pH 7.4, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.
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.

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Molecular Weight:	Unconjugated MW: 400.6 g/mol
Buffer:	Prior to lyophilization: PBS, pH 7.4.
Activity:	Not tested
Concentration:	Prior to lyophilization: 200 µg/ml
Note:	This product is for research use only. Not for human consumption, cosmetic, therapeutic or diagnostic use.

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