The vitamin D binding protein (DBP) is a multifunctional plasma protein that can modulate certain immune and inflammatory responses. The diverse cellular functions of DBP appear to require cell surface binding to mediate these processes. Numerous reports have detected DBP bound to the surface of several cell types and would support the concept of a cell surface binding site for DBP.

**Specifications:**

- **Source:** Human plasma
- **Purity:** ~95% by SDS-PAGE
- **Concentration:** 3.75mg/ml
- **Form:** Supplied as a lyophilized powder from 20mM sodium phosphate, 150mM sodium chloride, pH 7.4. Reconstitute with 266μl sterile ddH2O.

**Storage and Stability:**

Lyophilized powder may be stored at -20°C. Stable for 6 months after receipt at -20°C. Reconstitute with sterile ddH2O. Aliquot to avoid repeated freezing and thawing. Store at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

### Intended for research use only, not for use in human, therapeutic or diagnostic applications.

Source material is tested by approved FDA methods and found to be negative for HIV 1, HIV2 and HBsAg. However, consider all materials as potentially infectious and use only approved FDA and NIH guidelines for the proper handling and disposal of infectious material. Only authorized and trained personnel should handle this reagent.