

BA1080**Human Vitamin D-binding protein - Purified**

Alternate names:	DBP, Gc-globulin, Group-specific component, VDB
Quantity:	1 mg
Concentration:	2.3 mg/ml (prior lyophilization)
Background:	Vitamin D Binding Protein is a secreted multifunctional protein found in plasma, ascitic fluid, cerebrospinal fluid and urine, and on the surface of many cell types. In plasma, it carries the vitamin D sterols and prevents polymerization of actin by binding its monomers. DBP associates with membrane bound immunoglobulin on the surface of B lymphocytes and with IgG fc receptor on the membranes of T lymphocytes.
Uniprot ID:	P02774
NCBI:	NP_000574.2
Species:	Human
Source:	Plasma, Human Plasma
Format:	State: Purified lyophilised protein Purity: >95% >95% pure by SDS-PAGE Buffer System: 20 mM Sodium Phosphate, pH 7.4 containing 150 mM Sodium chloride, no preservatives Reconstitution: Reconstitute with distilled water.
Description:	Purified Vitamin D Binding Protein (GC Globulin). Molecular weight: 52 kDa (SDS-PAGE, reducing conditions)
Storage:	Store lyophilized product at -20 °C to -70 °C. After reconstitution, aliquot and store at -20°C to -70°C. Avoid multiple freeze/thaw cycles. Shelf life: one year from despatch.
Caution:	All human source materials have tested negative for HIV 1, HIV 2, HBc, HCV antibodies and HBsAg. No test guarantees a product to be non-infectious. Therefore, all material derived from human fluids or tissues should be considered as potentially infectious.