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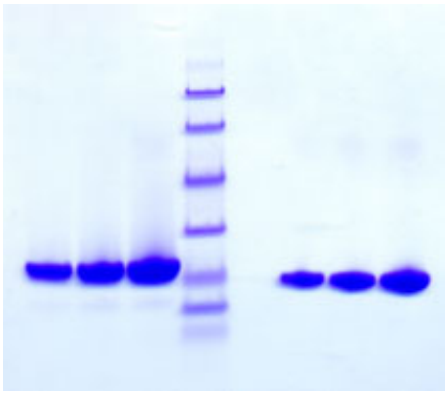
RBP4
Native Human Retinol Binding Protein (RBP4)

Catalog No.	CRA172A CRA172B	**Quantity:**	100 µg 1.0 mg
Alternate Names:	Retinol-binding protein 4, RBP4, Plasma retinol-binding protein		
Description:	Retinol Binding Protein 4(RBP4) is thought to link obesity with insulin resistance and Type 2 Diabetes. Present in plasma of healthy individuals at a level of approximately 40 mg/L, RBP4 levels are higher in individuals with impaired glucose tolerance and Type 2 Diabetes. RBP4 levels are increased in pregnant women, especially those with gestational diabetes. Increased levels of RBP4 levels are also seen in individuals with cardiovascular disease, as RBP4 levels appear to correlate with levels of APO B-containing lipoproteins-- LDL, VLDL, and small dense LDL.		
UniProt ID:	P02753		
Source:	Human plasma		
Molecular Weight:	21 kDa		
Formulation:	Lyophilized from 50 mM Tris, 100 mM NaCl, pH 7.4		
Purity:	>95% by SDS-PAGE analysis		
Extinction Coefficient:	$E^{0.1\%}_{280nm}$ = 1.86		
Reconsitution:	**Centrifuge vial prior to opening.** Add sterile distilled water to a concentration of 0.1 -1.0 mg/mL and gently pipette the solution up and down the sides of the vial. **DO NOT VORTEX**. Allow several minutes for complete reconstitution.		
Storage & Stability:	Store at -20°C to -80°C for up to 1 year.		
Country of Origin:	USA		
Infectious Disease Statement:	Prepared from whole blood shown to be non reactive for HbsAG, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.		

SDS-PAGE of Human RBP4



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