
Product Data Sheet

Product Name: RBP Human, Native
Cat. No.: GP26073
Batch No.: 1

Product Data

Purity	>98%	Source	Urine from the patients with renal tubular proteinuria.
Physical Appearance	solid	Shipping Condition	atRoomtemp.
Solubility	It is recommended to reconstitute the lyophilized RBP Human in phosphate buffer containing 0.15M NaCl.		
Formulation	The protein was lyophilized (0.2 μ m filtered) from 20mM NH ₄ HCO ₃ .		

Introduction

Human Retinol Binding Protein, also known as RBP, is responsible for transporting and binding vitamin A. Human RBP has a binding site for 1 molecule of retinol and circulates in the plasma together with prealbumin as a protein complex. The prealbumin binding prevents greater glomerular losses of the human RBP. Only the retinol-free form of the RBP, which has no affinity for prealbumin, undergoes glomerular filtration unhindered as a result of its low Mw. Human RBP is re-absorbed by the tubular cells and catabolized there.

Stability

RBP Human although stable at room temperature for 3 weeks, should be stored between 2-8°C.

Background

Human Retinol Binding Protein Native produced in urine from the patients with renal tubular proteinuria having a molecular mass of approximately 21kD.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA