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RBP Human, Native

Retinol Binding Protein Native Human
GRF0359

Product Overview

Name	RBP Human, Native

Description

Retinol Binding Protein Native Human

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.

Source

Urine from the patients with renal tubular proteinuria.

Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation

The protein was lyophilized (0.2 µm filtered) from 20mM NH 4 HCO 3 .

Stability

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

Purity

Greater than 96.0%.

Solubility

It is recommended to reconstitute the lyophilized RBP Human in phosphate buffer containing 0.15M NaCl.

Human Virus Test

Starting material donor has been tested and certified negative for antibodies to HIV-1, HIV-2, HCV, HBSAG and Syphilis.

Precautions

RBP Human, Native is for research use only and not for use in diagnostic or therapeutic procedures.