



CERTIFICATE OF ANALYSIS

Apolipoprotein B100

Product Specifications

Product code:	P193-2
Product presentation:	Single homogenous batch supplied lyophilised from 0.1M Na ₂ CO ₃ pH 8.0 containing 10mM sodium deoxycholate and 0.05% NaN ₃ .
Specifications	Nominally 40-90% of the total protein as determined by Lowry assay is Apolipoprotein B100.
Starting material:	Normal human serum/plasma. Starting material donor tested and found negative for HIV I & II antibodies, Hepatitis B surface antigen, Hepatitis C antibodies.
Storage:	2-8°C, shelf life minimum 1 year.
Reconstitution:	The use of de-ionised water is recommended to ensure complete dispersion of the product upon reconstitution.

Product Analysis

4-20% Polyacrylamide Gel Electrophoresis:	Shows a band corresponding to Apolipoprotein B100 molecular weight of 550kD.
Cellulose Acetate Electrophoresis:	Shows a band with β_1 electrophoretic mobility.
Radial immunodiffusion (RID) using Dade Behring kit:	Report Result
Protein concentration as determined by Lowry method:	Report Result
Optical density at 280nm:	Confirms Lowry result.