



CERTIFICATE OF ANALYSIS

Human Alpha-2-Microglobulin

Product Specifications

Product code:	P144-5
Batch No:	26-188
Product presentation:	Single homogenous batch supplied lyophilised from 0.02M TRIS, 0.15M NaCl and 0.1M Sucrose, pH 8.0.
Purity:	Nominally greater than 96% of the total protein is Alpha-2-Macroglobulin.
Starting material:	Pooled normal human serum. Starting material donor tested and found negative for HIV I & II antibodies, Hepatitis B surface antigen, and Hepatitis C antibodies.
Storage:	Store at 2-8°C.
Manufacture Date:	16/Jun/2009
Expiry Date:	16/Jun/2014

Product Analysis

4-20% Gradient Polyacrylamide Gel Electrophoresis:	To show one band corresponding to α_2M molecular weight of 725kD.
Cellulose Acetate Electrophoresis:	To show one band corresponding to the mobility of α_2M .
Radial immunodiffusion (RID) vs Behring standard:	1.4 mg/ml (determination method).
Protein concentration by optical density at 280nm using $E^{1cm} = 0.81$:	To confirm result by RID.
Lowry assay:	To confirm result by RID.