

**CERTIFICATE OF ANALYSIS
HUMAN SERUM PROTEINS**

Human Alpha-2-Microglobulin

Product code: P144-5

Batch No:

Product presentation: Single homogenous batch supplied lyophilised from 0.02M TRIS, 0.15M NaCl and 0.1M Sucrose.

Purity: Nominally greater than 96% of the total protein is Alpha-2-Microglobulin.

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, shelf life minimum 1 year.

Analysis

4-20% Gradient Polyacrylamide Gel Electrophoresis.

Cellulose Acetate Electrophoresis.

Radial immunodiffusion (RID) vs Behring standard.

Protein concentration by optical density at 280nm using $E^{1cm} = 0.81$
0.1%

and Lowry assay.

Results

One band corresponding to α_2M molecular weight of 725kD.

One band visible corresponding to the mobility of α_2M .

mg/ml (dispensing solution).

Confirms result by RID.

Position: **Name:**

Signed: **Date:** **Order No:**

