



Part Purified Human α_1 -Microglobulin

PRODUCT CODE : AJ 3042

SOURCE : Isolated from human urine from patients with chronic renal tubular proteinuria. The raw material urine is tested negative for HBsAg, anti-HIV-1/2 and anti-hCV.

PRESENTATION : Presented freeze-dried from 0.02M ammonium bicarbonate. The product may contain traces of buffer salts.

PURITY : 10 - 50% of the protein is α_1 -microglobulin.

ANALYSIS :

Type	Result
SDS-Polyacrylamide Gel Electrophoresis	Shows one band corresponding to the molecular weight (27kD) of α_1 -M. Under certain conditions dimer (54kD) can be observed
Cellulose Acetate Electrophoresis	Shows one band only with α_1 -electrophoretic mobility.
Radial Immunodiffusion (RID) assay vs in-house standard.	Reported in mg/mg (Dispensing solution)
Total protein concentration by Lowry method	Reported in mg/ml

RECONSTITUTION : Use of a phosphate buffer, pH >7.0, containing 0.15M NaCl is recommended.

STORAGE : +2 to +8°C

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