



Highly Purified Human α -1-Acid Glycoprotein (A1GP)

PRODUCT CODE : AJ 3045

SOURCE : Pooled normal human serum/plasma that has been tested negative on a single donor basis for HBsAg, anti-HIV-1/2 and anti-hepatitis C.

PRESENTATION : Supplied lyophilised from 0.02M ammonium bicarbonate.
May contain traces of buffer salts.

PURITY : Nominally greater than 96% of the total protein is α -1-acid glycoprotein.

ANALYSES :

Type	Results
SDS-Polyacrylamide Gel Electrophoresis	Shows one band corresponding to A1GP molecular weight of 44kD
Cellulose Acetate Electrophoresis	Shows one band with α_1 -electrophoretic mobility.
Protein concentration by optical density at 280nm using $E_{1cm,0.1\%}^{280nm} = 0.89$	mg/ml (dispensing solution)
Radial Immunodiffusion (RID) using a Behring Standard	Positive reaction confirming identity. Verifies dispensed quantity.
Total protein concentration by Lowry assay	Confirms optical density result.

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

STORAGE : +2 to +8⁰C

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QUALITY
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