



Highly Purified Human Complement Component C1_q

PRODUCT CODE : AJ 3017

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

PRESENTATION : Supplied lyophilised from 0.01M Na₂ EDTA solution containing 0.3M NaCl, pH 7.5

PURITY : Nominally greater than 96% of total protein is human complement component C1_q

ANALYSES :

Type	Results
Polyacrylamide Gel Electrophoresis	Shows one band corresponding to C1 _q molecular weight at 410kD
Cellulose Acetate Electrophoresis	Shows one band with γ_2 -electrophoretic mobility.
Ouchterlony Immunodiffusion	Immunological identity verified
Protein determination by optical density using $E_{1\text{cm},0.1\%}^{280\text{nm}} = 1.6$	mg/ml (dispensing solution)
Total protein concentration by Lowry method	Result consistent with O.D. data

RECONSTITUTION : Use of water to a volume equivalent to the original fill volume is recommended. Slight turbidity may result on reconstitution.

STORAGE : +2 to +8°C

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QUALITY
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