



Highly Purified Human Complement Component C_{4c}

PRODUCT CODE : AJ 3020

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

PRESENTATION : Supplied frozen in 0.01 M sodium phosphate buffer, pH 7.2, containing 0.15 M NaCl.

PURITY : Nominally >96% of the protein is Complement C_{4c}

ANALYSIS : Cellulose acetate electrophoresis shows one band only with β_1 -electrophoretic mobility.

PAGE shows one band only, corresponding to the molecular weight of C_{4c}.

SDS-PAGE shows one major band corresponding to C_{4c} molecular weight.

Radial immunodiffusion (RID) using Behring standard confirms OD results.

Protein determination by the method of Lowry and by optical density using

$$E_{1\text{cm}, 0.1\%}^{280\text{nm}} = 0.92$$

STORAGE : Below -15°C

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