



Highly Purified Human IgG

PRODUCT CODE : AJ 3097

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

PRESENTATION : Lyophilised from 0.02M ammonium bicarbonate ($\text{NH}_4 \text{HCO}_3$).
May contain traces of buffer salts.

PURITY : Nominally greater than 96% of the protein is IgG.

ANALYSES : Polyacrylamide gel electrophoresis shows one diffuse band corresponding to IgG molecular weight of approximately 150kD.

Cellulose acetate electrophoresis shows a Single band only visible with γ -electrophoretic mobility.

Protein concentration by method of Lowry and Optical Density using

$$E_{1\text{cm},0.1\%}^{280\text{nm}} = 1.38.$$

Immunological identity and dispensing concentration is verified by Radial Immunodiffusion (RID) using a Behring standard.

The levels of contaminating IgA and IgM are measured by RID and are < 1% of the total IgG level.

STORAGE : +2 to +8°C

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QUALITY
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