



Purified Sex Hormone Binding Globulin (SHBG)

PRODUCT CODE : AJ 3144

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

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

PURITY : Nominally greater than 90% of total protein is SHBG.

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

SDS-PAGE shows a major band corresponding to a molecular weight of approximately 45kD. This is approximately half of the molecular weight of SHBG and corresponds to the subunits that make up SHBG.

Immunological identity is confirmed by Radial Immunodiffusion (RID)

Protein determination by the method of Lowry and by UV absorption using

$$E_{1\text{cm}, 0.1\%}^{280\text{nm}} = 1.22$$

SHBG level determined by Roche Elecsys.

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

STORAGE : +2°C to +8°C

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