



## Highly Purified Human IgM

**PRODUCT CODE :** AJ 3092

**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 as a liquid solution in 0.05M phosphate buffer, pH 7.5, containing 0.5M NaCl and 0.09% sodium azide.

**SPECIFIC PURITY :** Nominally greater than 96% of the total protein is IgM.

**ANALYSIS :** Polyacrylamide gradient gel electrophoresis shows one band only, corresponding to a molecular weight of approximately 970kD.

Cellulose acetate electrophoresis shows one band only with  $\gamma_1$  to  $\gamma_2$  – electrophoretic mobility.

Total protein concentration is determined by optical density using

$$E_{1cm,0.1\%}^{280nm} = 1.33$$

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

**STORAGE :** +2 to +8°C

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