



CERTIFICATE

Albumin human

Protein concentration

Spectrophotometrically determined at 280 nm (absorptivity $1.6 \text{ (mg/ml)}^{-1}\text{cm}^1$). Sample diluted with 20 mM Phosphate, 100 mM NaCl pH 7.3.

Specifications:

$10.0 \pm 0.2 \text{ mg/ml}$

Solubility:

50 mg/mL in water.

SDS-PAGE

Under reducing and non-reducing conditions on a gel gradient 10-15%, coomassie stained.

Specifications: 1 main band at 67.000 Daltons under non-reducing conditions.

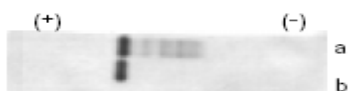


Fig 1 a) Human plasma before purification of Albumin, b) Human Albumina after putification

Sequency

The sequence was determined in the Severo Ochoa research center of Madrid Spain and only one sequence was found in band b of figure 1, belonging to purified human albumin.

Plasmin contents

Plasmin analyzed amidolytically by plasmin CHROMOGENIC sustrate. Color development at 405 nm is monitored at +25 °C. Plasmin contents, < 2 ppm Plasmin.

tPA activity

Tissue Plasminogen activator activity is determined with comercial available kits. Tested with and without antibodies against human tPA.

Specifications: tPA < 0.01 IU tPA/ml.

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