



Product Data Sheet
Chicken Serum Albumin

Catalog # ALBC15-N-1	Size: 1 mg	Form: Powder
Catalog # ALBC15-N-10	Size: 10 mg	Form: Powder

Description

Serum albumin is synthesized in the liver as preproalbumin (propeptide 615 aa, mature protein 597 aa). It is secreted into the serum. It is the major serum protein and constitutes ~50% of the total serum proteins. It binds copper, nickel, calcium (weakly, at 2-3 sites), and protoporphyrin, long-chain fatty acids, prostaglandins, steroid hormones (weak bonds with these hormones promote their transfer across the membranes), thyroxine, and triiodothyronine

Form and Storage

Chicken serum albumin was purified by a combination of salt fractionation, ion exchange and affinity chromatography. Purity is judged by immunodiffusion, where it yielded as single line against the anti-chicken albumin, anti-chicken serum, rabbit-anti-chicken Transferrin, and anti-IgGs. It is supplied in PBS, pH 7.2 in powder form. Reconstitute the powder in PBS or other buffers at 1 mg/ml or other desired concentrations.

MSDS: This product is considered non-hazardous as defined by OSHA (CFR 1910.1200. Nov 25, 1983). It can be disposed of in the drain.

General References:

- Rosen AM (1977) Biochem. Biophys. Res. Commun. 78 (3), 1060-1066
Hache RJ (1987) J. Biol. Chem. 258 (7), 4556-4564

Related Material available for ADI

- Chicken Serum Albumin ELISA kits
Chicken Serum IgG (total) ELISA kit
Chicken Serum IgM (total) ELISA kit
Chicken Egg yolk IgY ELISA kit
Chicken Egg yolk IgY purification kit

Anti-Chicken IgG-HRP conjugates

Anti-Mouse, human, rat, and Monkey IgG-HRP and subisotype specific conjugates

Western blot recycling kit (Use the same blot/strip to probe with multiple antibodies,

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