

## Bovine Serum Albumin, Acetylated

**Cat. No.:** HY-154818  
**Target:** Others  
**Pathway:** Others  
**Storage:** Solution, -20°C, protect from light, 2 years

Bovine Serum Albumin, Acetylated

### BIOLOGICAL ACTIVITY

#### Description

Bovine Serum Albumin, Acetylated (Ac-BSA) is a polypeptide of known structure with strong antigenicity. Bovine Serum Albumin, Acetylated produced a significant immune response, validating the accuracy and reliability of the experimental method. Bovine Serum Albumin, Acetylated can be used as a positive control substance in ELISA or WB experiments, and can be used in experiments with acetylated lysine monoclonal or polyclonal antibodies. Bovine Serum Albumin, Acetylated also improves encapsulation efficiency at low concentrations of PLGA, a polymer for biopharmaceutical delivery with biocompatibility, degradability, and controlled release properties<sup>[1][2]</sup>.

### REFERENCES

- [1]. Cun D, et al. High loading efficiency and sustained release of siRNA encapsulated in PLGA nanoparticles: quality by design optimization and characterization. *Eur J Pharm Biopharm.* 2011 Jan;77(1):26-35.
- [2]. Habeeb AF. Antigenicity of guanidinated and amidinated bovine serum albumin. *J Immunol.* 1968 Sep;101(3):505-14.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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