

Ovalbumin

Catalog # 3021

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INFORMATION:	Ovalbumin is the predominant protein in chicken egg whites. This glycoprotein is routinely used as a reference protein for biochemical assays such as Western blots and ELISAs, and is also a well-established allergen for allergic asthma animal models, such as airway hyper-responsiveness (AHR)(1-4).
DESCRIPTION:	Purified albumin from chicken egg white
QUANTITY:	1 gram, lyophilized
PURITY:	>95% with a gel analysis
APPLICATION:	ELISA, Western Blot, Immunization
STORAGE TEMPERATURE:	4°C
STABILITY:	2 years
REFERENCES:	<ol style="list-style-type: none">1. I. Sastalla, S. Tang, D. Crown, S. Liu, M. A. Eckhaus, I. K. Hewlett, S. H. Leppla, M. Moayeri, Anthrax edema toxin impairs clearance in mice. <i>Infect Immun</i> 80, 529-538 (2012).2. N. W. Palm, R. Medzhitov, Role of the inflammasome in defense against venoms. <i>Proc Natl Acad Sci U S A</i> 110, 1809-1814 (2013).3. C. Chen, N. Sun, Y. Li, X. Jia, A BALB/c mouse model for assessing the potential allergenicity of proteins: Comparison of allergen dose, sensitization frequency, timepoint and sex. <i>Food Chem Toxicol</i> 62c, 41-47 (2013).4. K. Tsuchiya, S. Siddiqui, P. A. Risse, N. Hirota, J. G. Martin, The presence of LPS in OVA inhalations affects airway inflammation and AHR but not remodeling in a rodent model of asthma. <i>Am J Physiol Lung Cell Mol Physiol</i> 303, L54-63 (2012).