

Labeled Albumin for Permeability Studies

BioPAL offers stable-isotope labeled albumin. The source of albumin for this product-line is bovine, however other sources can be labeled upon request as a custom labeled product. This product is available in three different isotopic markers. Additional labels can be provided upon request. This product line is suited for a wide range of research applications and can be used in conjunction with other labeled products. For example, in shock models, this product provides the ability to measure total blood volume at multiple time points. As a marker of vascular permeability, BioPAL's labeled albumin can serve as a surrogate end-point in experimental models, such as studies involving degradation of the blood-brain barrier (BBB) or the blood-retinal barrier (BRB) and in studies assessing alveolar capillary permeability in lung injury models. Given the availability of multiple isotopic markers, control and intervention measurements can be performed in the same *in vivo* protocol. Although BioPAL can provide guidance, researchers MUST evaluate product sensitively for their unique animal model and application.

NOT FOR HUMAN USE.

Catalog Number

P-00A02	Samarium-Labeled Albumin\$ 95.00 1.0 ml at a concentration of 25 mg/ml, packaged in a 2 ml sealed serum bottle.
P-00E02	Lutetium-Labeled Albumin\$ 95.00 1.0 ml at a concentration of 25 mg/ml, packaged in a 2 ml sealed serum bottle.
P-00K02	Europium-Labeled Albumin\$ 95.00 1.0 ml at a concentration of 25 mg/ml, packaged in a 2 ml sealed serum bottle. The europium label can be assayed via BioPAL's Short Enhanced Assay Service.

