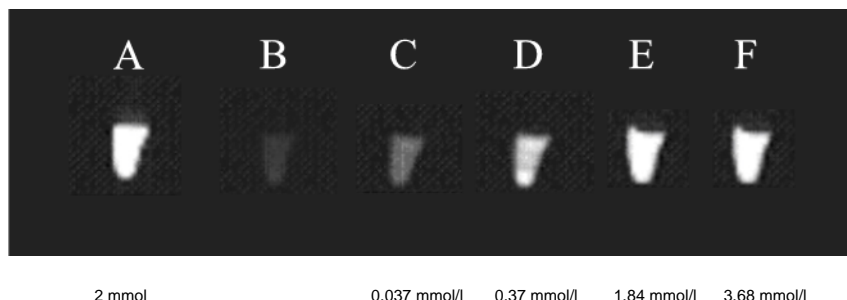


GADOLINIUM-LABELED ALBUMIN

BioPAL provides the research community with a comprehensive MRI product-line. BioPAL has applied its unique isotopic labeling technology to generate novel MRI reagents for specific applications. For example BioPAL offers gadolinium-labeled albumin and cholic acid. These products can be used for a wide range of applications.



*Gado-DTPA*TM Water -----*Galb*umin-----

Figure: Using Spin Echo (SE) sequence with TR/TE = 100/14, images of gadolinium labeled solutions in microtubes were obtained. The average signal intensity within a region-of-interest (ROI) is listed below. The background intensity measured 0.7 ± 0.5 .

Gadolinium-Labeled Albumin

Gadolinium-labeled albumin is a brightening agent acting through the T1 relaxation process. BioPAL's *Galb*umin is gadolinium-labeled bovine albumin bottled at a concentration of 25 mg/ml. There are approximately 10 to 15 gadolinium atoms per albumin unit. **NOT FOR HUMAN USE.**

Catalog Number

P-00P01	<i>Galb</i>uminTM\$ 125.00 Gadolinium-labeled albumin. 1.0 ml at a concentration of 25 mg/ml, packaged in a 2 ml sealed serum bottle. Applications: Vascular imaging, Injection and injection-site visualization.
P-00P01-100	Concentrated <i>Galb</i>uminTM\$ 600.00 Gadolinium-labeled albumin. 1.0 ml at a concentration of 100 mg/ml, packaged in a 2 ml sealed serum bottle. Applications: Vascular imaging, Injection and injection-site visualization.
P-00PK01	Trackable <i>Galb</i>uminTM\$ 150.00 Gadolinium-labeled albumin laced with europium to permit tracking by NA, see Neutron Activation Section. 1.0 ml at a concentration of 25 mg/ml, packaged in a 2 ml sealed serum bottle. Applications: Vascular imaging, Injection and injection-site visualization.
P-00PZ01	Glowing <i>Galb</i>uminTM\$ 150.00 Gadolinium-labeled albumin co-labeled with FITC for fluorescent imaging. 1.0 ml at a concentration of 25 mg/ml, packaged in a 2 ml sealed serum bottle. Applications: Vascular imaging, Injection and injection-site visualization.

