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.

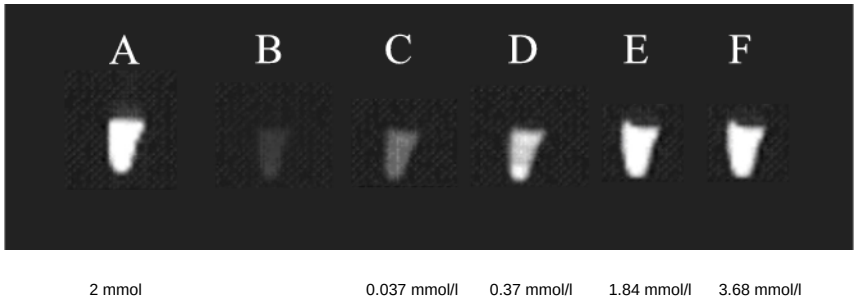

Figure: Using Spin Echo (SE) sequence with TR/TE = 100/14, images of gadolinium labeled solutions in microtubes were obtained. The average signal intensity within a region-of-interest (ROI) is listed below. The background intensity measured 0.7 ± 0.5.

Gadolinium-Labeled Albumin

Gadolinium-labeled albumin is a brightening agent acting through the T1 relaxation process. BioPAL's ***Ga***lbumin 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	***Ga***lbumin™	$ 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 ***Ga***lbumin™	$ 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 ***Ga***lbumin™	$ 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 ***Ga***lbumin™ - Fluorescein	$ 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.	
P-00PY01	Glowing ***Ga***lbumin™ - Rhodamine B	$ 150.00
	Gadolinium-labeled albumin co-labeled with rhodamine B 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.	