

## Purification of human antibodies from serum by Protein A affinity chromatography

<b>Method</b>	VBS0055J	
<b>FPLC</b>	Affinity chromatography	
<b>Column:</b>	Glass column Bioline 300 x 10 mm ID	<b>Order No. A71110</b>
<b>Phase:</b>	Protein A Sepharose CL-4B, 5 ml	
<b>Conditions:</b>	Buffer: Wash buffer: 20 mM phosphate buffer pH 7 Gradient: Elution buffer: 100 mM TRIS-HCL pH 3 Flow rate: Isocratic Injection and washing: 0.5 ml/min Elution: 2.0 ml/min Temperature: Room temperature Volume: 500 µL human serum	
<b>Detection:</b>	UV, 280 nm	
<b>Sample:</b>	500 µl human blood serum	
<b>Keywords:</b>	FPLC, affinity chromatography, antibody purification, Protein A, human serum, IgG	

### Chromatogram:

A Chromatogram

1 Injection peak: Human serum

2 Elution peak: Antibodies (c = 2,7 mg)

B SDS PAGE of elution fraction

1 Marker

2 purified antibody (heavy chain + light chain)

