



## Compound Index Vol. 790

### **Agglutinin**

Preparative purification of soybean agglutinin by affinity chromatography and its immobilization for polysaccharide isolation 790(2003)365

### **Albumin**

Hydrophobic interaction chromatography of proteins. II. Binding capacity, recovery and mass transfer properties 790(2003)99

Whey proteins as a model system for chromatographic separation of proteins 790(2003)161

### **Antibodies**

Isolation of antigens and antibodies by affinity chromatography (Review) 790(2003)53

Characterization and optimization of a chromatographic process based on ethylenediamine-*N,N,N',N'*-tetra(methylphosphonic) acid-modified zirconia particles 790(2003)143

### **Antigens**

Isolation of antigens and antibodies by affinity chromatography (Review) 790(2003)53

### **Arsenate reductase**

Purification of an oxidation-sensitive enzyme, pI258 arsenate reductase from *Staphylococcus aureus* 790(2003)217

### **Bicinchoninic acid**

Preparative purification of soybean agglutinin by affinity chromatography and its immobilization for polysaccharide isolation 790(2003)365

### **Cellulose**

Simple and rapid chromatographic purification of type V collagen from a pepsin digest of porcine intestinal connective tissue, an unmanageable starting material for conventional column chromatography 790(2003)277

### **Collagens**

Preparative procedures and purity assessment of collagen proteins (Review) 790(2003)245

Simple and rapid chromatographic purification of type V collagen from a pepsin digest of porcine intestinal connective tissue, an unmanageable starting material for conventional column chromatography 790(2003)277

### **Cyan(dimethylamino)pyridinium tetrafluoroborate**

Preparative purification of soybean agglutinin by affinity chromatography and its immobilization for polysaccharide isolation 790(2003)365

### **Cystolic acetyl-coenzyme A hydrolase**

Simple and unique purification by size-exclusion chromatography for an oligomeric enzyme, rat liver cytosolic acetyl-coenzyme A hydrolase 790(2003)239

### **DNA**

Continuous annular chromatography (Review) 790(2003)1

### **Endostatin**

Endostatin capture from *Pichia pastoris* culture in a fluidized bed. From on-chip process optimization to application 790(2003)327

### **Enhanced green fluorescent protein**

Evaluation of chromatographic recycling for imidazole used in the chromatographic purification of His-tag recombinant proteins 790(2003)153

### **Enzyme inhibitors**

Fractionation and purification of the enzymes stored in the latex of *Carica papaya* (Review) 790(2003)229

### **Enzymes**

Purification of an oxidation-sensitive enzyme, pI258 arsenate reductase from *Staphylococcus aureus* 790(2003)217

Fractionation and purification of the enzymes stored in the latex of *Carica papaya* (Review) 790(2003)229

### **Factor II**

Preparation of vitamin K-dependent proteins, such as clotting factors II, VII, IX and X and clotting inhibitor Protein C (Review) 790(2003)183

Chromatographic purification and properties of a therapeutic human protein C concentrate 790(2003)199

**Factor IX**

Application of semi-industrial monolithic columns for downstream processing of clotting factor IX (Review) 790(2003)175

Preparation of vitamin K-dependent proteins, such as clotting factors II, VII, IX and X and clotting inhibitor Protein C (Review) 790(2003)183

Chromatographic purification and properties of a therapeutic human protein C concentrate 790(2003)199

**Factor VII**

Preparation of vitamin K-dependent proteins, such as clotting factors II, VII, IX and X and clotting inhibitor Protein C (Review) 790(2003)183

Chromatographic purification and properties of a therapeutic human protein C concentrate 790(2003)199

**Factor X**

Preparation of vitamin K-dependent proteins, such as clotting factors II, VII, IX and X and clotting inhibitor Protein C (Review) 790(2003)183

**Follicle stimulating hormone**

Synthesis and chromatographic purification of recombinant human pituitary hormones (Review) 790(2003)285

**Glycoproteins**

Purification of human plasma haptoglobin by hemoglobin-affinity column chromatography 790(2003)209

**Growth hormone**

Synthesis and chromatographic purification of recombinant human pituitary hormones (Review) 790(2003)285

**Haptoglobin**

Purification of human plasma haptoglobin by hemoglobin-affinity column chromatography 790(2003)209

**Hormones**

Synthesis and chromatographic purification of recombinant human pituitary hormones (Review) 790(2003)285

**Imidazole**

Evaluation of chromatographic recycling for imidazole used in the chromatographic purification of His-tag recombinant proteins 790(2003)153

**Immunoglobulins**

Hydrophobic interaction chromatography of proteins. II. Binding capacity, recovery and mass transfer properties 790(2003)99

**Lactalbumins**

Hydrophobic interaction chromatography of proteins. II. Binding capacity, recovery and mass transfer properties 790(2003)99

Whey proteins as a model system for chromatographic separation of proteins 790(2003)161

**Lactoglobulin**

Whey proteins as a model system for chromatographic separation of proteins 790(2003)161

**Lectins**

Preparative purification of soybean agglutinin by affinity chromatography and its immobilization for polysaccharide isolation 790(2003)365

**Luteinizing hormone**

Synthesis and chromatographic purification of recombinant human pituitary hormones (Review) 790(2003)285

**Lysozyme**

Hydrophobic interaction chromatography of proteins. II. Binding capacity, recovery and mass transfer properties 790(2003)99

Fractionation and purification of the enzymes stored in the latex of *Carica papaya* (Review) 790(2003)229

**Oligomeric enzymes**

Simple and unique purification by size-exclusion chromatography for an oligomeric enzyme, rat liver cytosolic acetyl-coenzyme A hydrolase 790(2003)239

**Papain**

Fractionation and purification of the enzymes stored in the latex of *Carica papaya* (Review) 790(2003)229

**Peptides**

Design and selection of ligands for affinity chromatography (Review) 790(2003)67

Role of mass spectrometry in the purification of peptides and proteins 790(2003)91

Synthesis and chromatographic purification of recombinant human pituitary hormones (Review) 790(2003)285

**Phycobiliproteins**

Preparative purification of B-phycoerythrin from the microalga *Porphyridium cruentum* by expanded-bed adsorption chromatography 790(2003)317

**Phycoerythrins**

Preparative purification of B-phycoerythrin from the microalga *Porphyridium cruentum* by expanded-bed adsorption chromatography 790(2003)317

**Pigments**

Preparative purification of B-phycoerythrin from the microalga *Porphyridium cruentum* by expanded-bed adsorption chromatography 790(2003)317

**Polypeptides**

Synthesis and chromatographic purification of recombinant human pituitary hormones (Review) 790(2003)285

**Polysaccharides**

Preparative purification of soybean agglutinin by affinity chromatography and its immobilization for polysaccharide isolation 790(2003)365

**Prolactin**

Synthesis and chromatographic purification of recombinant human pituitary hormones (Review) 790(2003)285

**Protein A**

Comparison of protein A affinity sorbents 790(2003)35

**Protein C**

Preparation of vitamin K-dependent proteins, such as clotting factors II, VII, IX and X and clotting inhibitor Protein C (Review) 790(2003)183

Chromatographic purification and properties of a therapeutic human protein C concentrate 790(2003)199

**Proteins**

Continuous annular chromatography (Review) 790(2003)1

Large-scale ion-exchange column chromatography of proteins. Comparison of different formats (Review) 790(2003)17

Comparison of protein A affinity sorbents 790(2003)35

Design and selection of ligands for affinity chromatography (Review) 790(2003)67

Protein purification by affinity precipitation (Review) 790(2003)79

Role of mass spectrometry in the purification of peptides and proteins 790(2003)91

Hydrophobic interaction chromatography of proteins. II. Binding capacity, recovery and mass transfer properties 790(2003)99

Direct observation of intraparticle equilibration and the rate-limiting step in adsorption of proteins in chromatographic adsorbents with confocal laser scanning microscopy 790(2003)115

Protein binding to polymer brush, based on ion-exchange, hydrophobic, and affinity interactions (Review) 790(2003)131

Evaluation of chromatographic recycling for imidazole used in the chromatographic purification of His-tag recombinant proteins 790(2003)153

Whey proteins as a model system for chromatographic separation of proteins 790(2003)161

Preparation of vitamin K-dependent proteins, such as clotting factors II, VII, IX and X and clotting inhibitor Protein C (Review) 790(2003)183

Chromatographic purification and properties of a therapeutic

human protein C concentrate 790(2003)199

Purification of human plasma haptoglobin by hemoglobin-affinity column chromatography 790(2003)209

Preparative procedures and purity assessment of collagen proteins (Review) 790(2003)245

Simple and rapid chromatographic purification of type V collagen from a pepsin digest of porcine intestinal connective tissue, an unmanageable starting material for conventional column chromatography 790(2003)277

Preparative purification of B-phycoerythrin from the microalga *Porphyridium cruentum* by expanded-bed adsorption chromatography 790(2003)317

Endostatin capture from *Pichia pastoris* culture in a fluidized bed. From on-chip process optimization to application 790(2003)327

High-level expression of the mycobacterial porin MspA in *Escherichia coli* and purification of the recombinant protein 790(2003)337

Purification of a full-length recombinant glucocorticoid receptor 790(2003)349

Enrichment of serum amyloid proteins by hydrophobic interaction chromatography combined with two-dimensional electrophoresis with immobilised pH gradients (Review) 790(2003)355

Preparative purification of soybean agglutinin by affinity chromatography and its immobilization for polysaccharide isolation 790(2003)365

**Protein S**

Preparation of vitamin K-dependent proteins, such as clotting factors II, VII, IX and X and clotting inhibitor Protein C (Review) 790(2003)183

**Thrombin**

Preparation of vitamin K-dependent proteins, such as clotting factors II, VII, IX and X and clotting inhibitor Protein C (Review) 790(2003)183

**Thyrotropin**

Synthesis and chromatographic purification of recombinant human pituitary hormones (Review) 790(2003)285

**Vitronectin**

Application of semi-industrial monolithic columns for downstream processing of clotting factor IX (Review) 790(2003)175

**Whey proteins**

Whey proteins as a model system for chromatographic separation of proteins 790(2003)161