

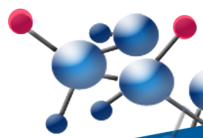
## Cellufine Mini-Columns

*The effective tool for protein purification*

Cellufine Mini-Columns are pre-packed



Cellufine Mini-Columns offer convenience and expedience for isolating, purifying, and concentrating biomolecules from aqueous samples.



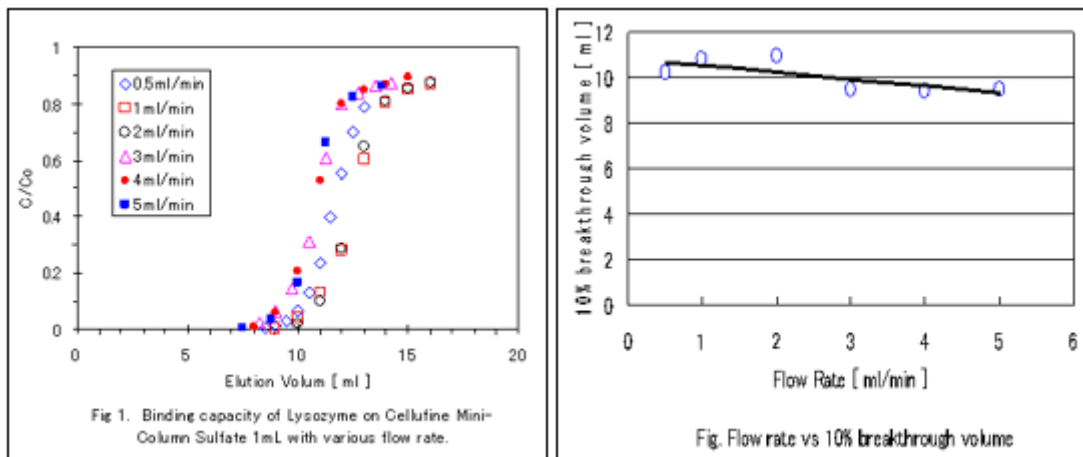
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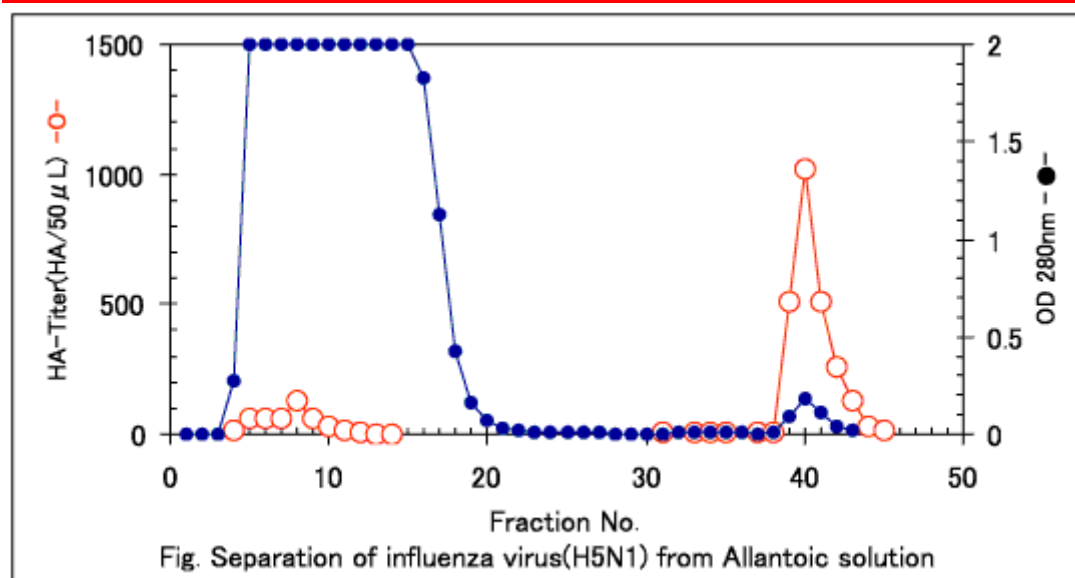
## Application Data

### Dynamic Binding Capacity (DBC) of lysozyme on Cellufine Sulfate



No significant change in DBC was observed over a flow range of 0.5 to 5 ml/min

### NEW Influenza Virus Separation by Cellufine Sulfate Mini-Column



#### Conditions

Volume of Cellufine Sulfate: 1ml (ID 8×20 mm)

Liner Velocity: 120cm/hr

Equilibration buffer: 0.01M Phosphate buffer, pH 7.4

Washing buffer: 0.01M Phosphate buffer, 0.19M NaCl, pH7.2

Elution buffer: 0.01M Phosphate buffer, 3M NaCl, pH7.0

Virus Strain: A/duck/Hokkaido/Vac-1/04 (H5N1) B-Propiolactone

---Allantoic Fluid was filtered after centrifuged

(Centrifugation: 8,000g×30min, Filter: 0.45µm Cellulose Acetate)

Sample Volume: 6 ml : (The virus sample from professor Kida. (Hokkaido Univ. Graduate school of veterinary medicine. )



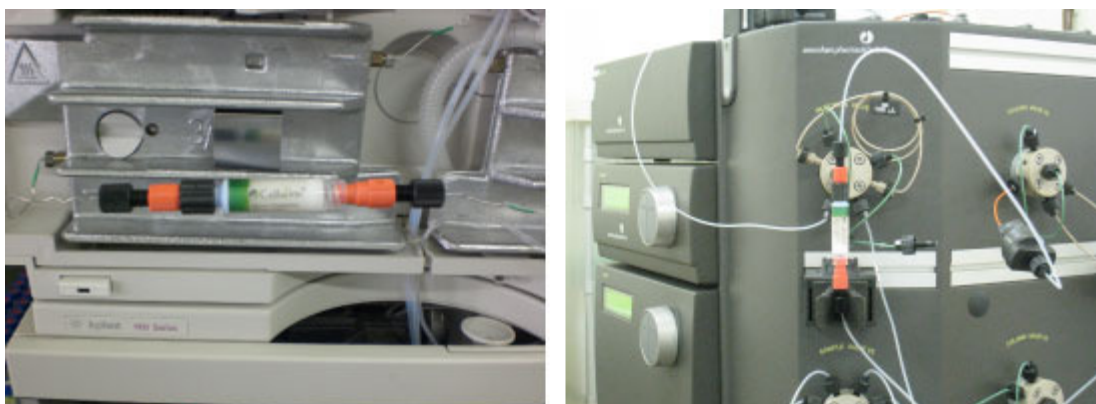
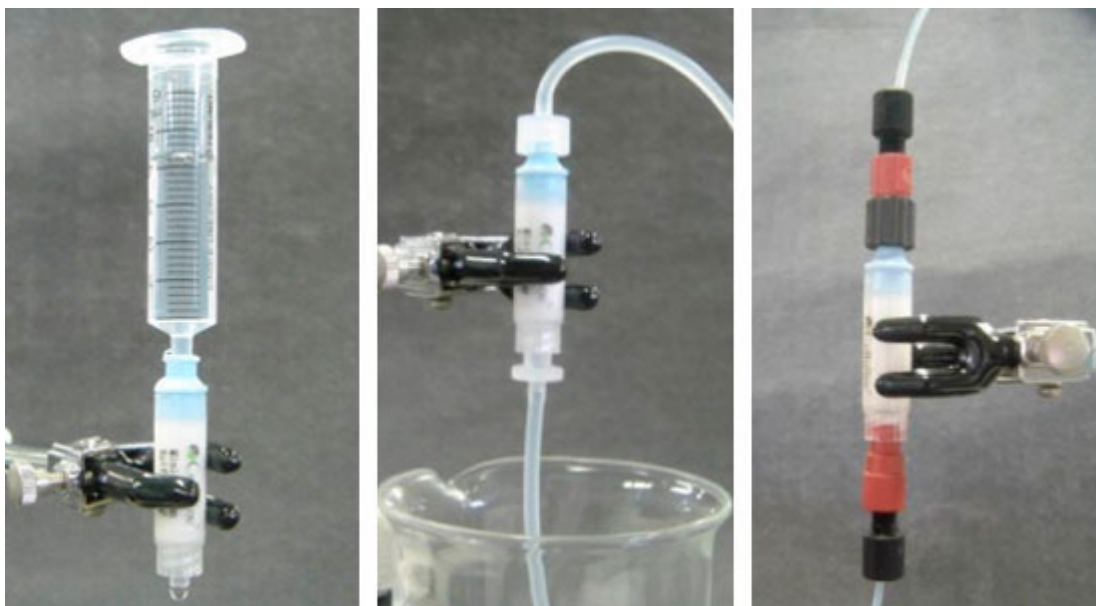
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## How to Use



Catalogue No.	Description	Quantity
19845-51	Mini-column Cellufine Sulfate, 1 mL	5x1mL
20051	Mini-column Cellufine ET clean L, 1 mL	5x1mL
20151	Mini-column Cellufine ET clean S, 1 mL	5x1mL
20251	Mini-column Cellufine PB, 1mL	5x1mL
19551	Mini-column Cellufine Phosphate, 1mL	5x1mL
19805-51	Mini-column Cellufine A-500, 1mL	5x1mL
19907-51	Mini-Column Cellufine Q-500, 1mL	5x1mL
19800-51	Mini-column Cellufine C-500, 1mL	5x1mL
19900-51	Mini-column Cellufine Phenyl, 1mL	5x1mL
19905-51	Mini-column Cellufine Butyl, 1mL	5x1mL
19875-51	Mini-colimn Cellufine Chelate, 1mL	5x1mL



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