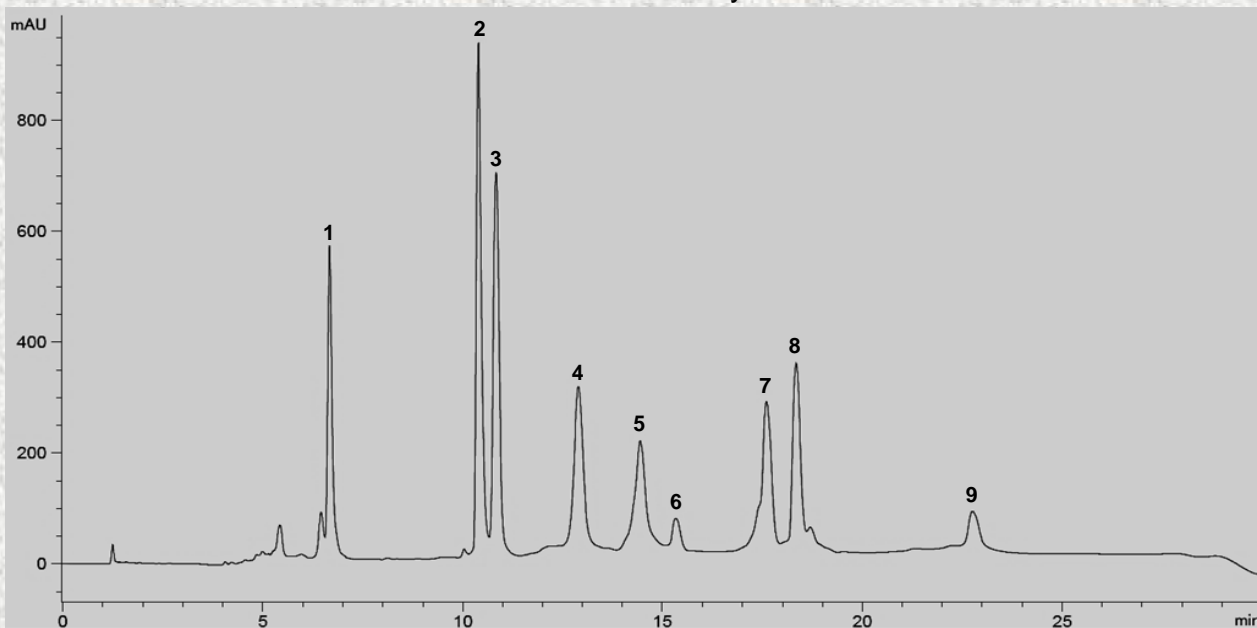


### Separation of Intact Proteins on Reliasil C4 300, 3 µm column

Use: Protein analysis



Peak	Protein	Load	Retention Time (min)
1	Ribonuclease B	3 µg load (3 µL at 1 µg/µL)	6.671 min
2	Insulin	3 µg load (3 µL at 1 µg/µL)	10.395 min
3	Lysozyme	3 µg load (3 µL at 1 µg/µL)	10.837 min
4	Transferrin	3 µg load (3 µL at 1 µg/µL)	12.898 min
5	BSA	3 µg load (3 µL at 1 µg/µL)	14.444 min
6	Trypsin inhibitor	3 µg load (3 µL at 1 µg/µL)	15.336 min
7	β-Lactoglobulin A	3 µg load (3 µL at 1 µg/µL)	17.601 min
8	Carbonic Anhydrase	3 µg load (3 µL at 1 µg/µL)	18.346 min
9	Lactate Dehydrogenase	3 µg load (3 µL at 1 µg/µL)	22.758 min

<b>HPLC</b>	Agilent 1100
<b>Column</b>	Reliasil C4 300, 3 µm
<b>Column Size</b>	3 x 100 mm
<b>Temperature</b>	65 °C
<b>Detection</b>	UV at 215 nm
<b>Injection</b>	3 µL

<b>Mobile Phase</b>	A: 0.1 % TFA in water B: 0.1% TFA in acetonitrile	
<b>Flow Rate</b>	0.5 mL/min	
<b>Gradient</b>	<b>Time</b>	<b>%B</b>
	0	0
	2	20
	8	30
	25	50
	26	100
	28	100
	28.1	0
	30	0