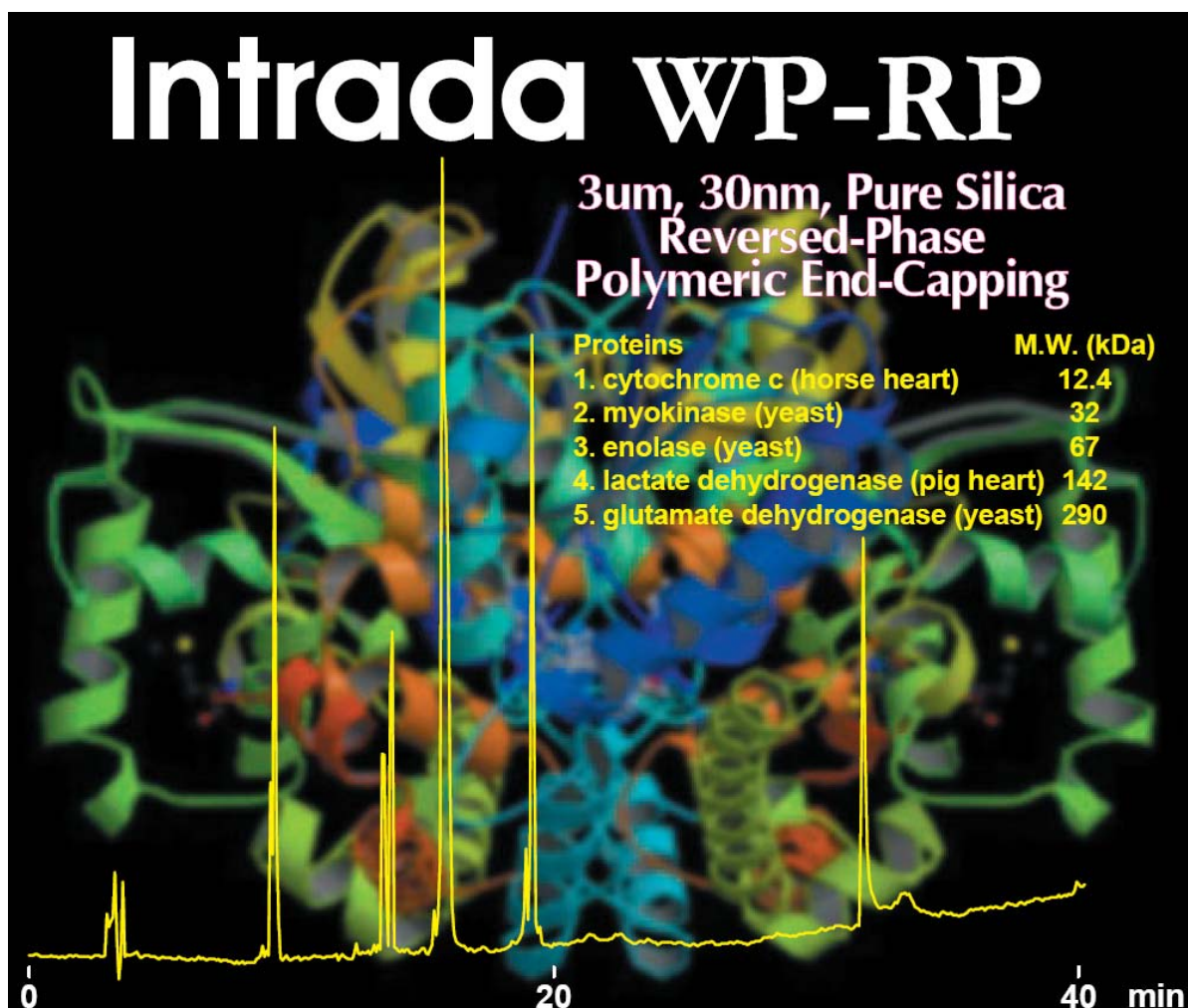


## High Resolution Reversed-Phase HPLC Columns for Large Biopolymer Molecules



250 x 4.6 mm, A: 0.1%TFA in water, B: 0.07%TFA in ACN, 20-85%B (0-40min), 1mL/min (14 MPa), 37°C, 280nm, 10uL

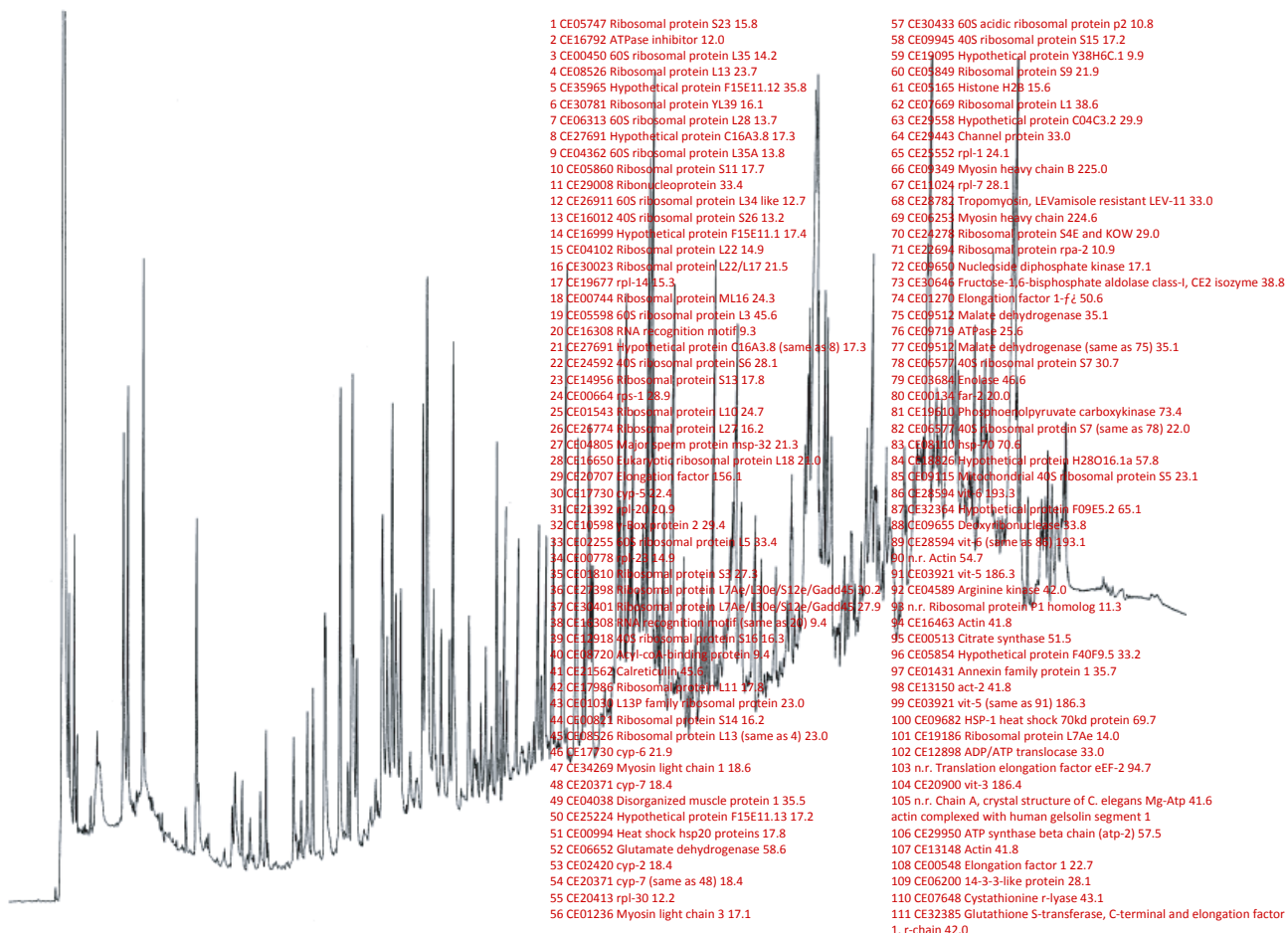
- Reversed-Phase Column for Biopolymer Separations**  
Reversed-phase tailored with a 30nm (300Å) pore size  
Optimal for the separation of proteins and other large molecules
- Superior Resolution Column with 3µm Particles**  
High resolution 3µm Silica
- Optimal Polarity for Faster Biopolymer Elution**  
Uses a newly developed reversed-phase ligand  
Highly hydrophobic biopolymer elution made possible with optimised surface polarity

## High Resolution Separation of 111 Proteins (9-225 kDa)

Fluorescent labelled protein method using Intrada WP-RP (Courtesy of Professor Emeritus Imai, University of Tokyo, Japan). The 3 $\mu$ m particular, 500mm column provides the ability to separate large numbers of proteins.

### An Improved method for proteomics studies in *C. Elegans*

#### Peak no. Wormpep ID Protein MW (kDa)



- DAABO-Cl fluorescent-labeled *C. elegans*
- Separated by Intrada WP-RP
- Trypsin Hydrolysis
- Identified by LC-MS/MS

Intrada WP-RP, 500 x 4.6mm, A) water/ACN/TFA=90/10/0.1, B) water/ACN/TFA=30/70/0.1, 0-20%B(0-20min), 20-60%B(20-180min), 0.5mL/min, Ex.387nm, Em.508nm, 30uL

Courtesy of Prof. Imai, Musashino Univ. M.Masuda, H.Saimaru, N.Takamura and K.Imai, *Biomed. Chromatogr.*, 19, 556-560 (2005)