

PROTEOMETER-UFT KIT™

At-Line Titer Measurement in Under 90 Seconds

The Proteometer-UFT provides titer results within 90 seconds for proteins containing a human Fc region, such as mAbs, multi-specifics, and recombinant proteins. Using your lab's existing LC for drug development and clone selection, it offers:

- Immediate titer from Clarified Fermentation Broth (CFB)
- No accuracy loss for high aggregate samples
- No system recycling

Unlike Protein A purification, there are no lengthy sample preparation steps for mAb analysis with the Proteometer-UFT.

The Proteometer-UFT can analyze up to 960 samples daily, making it an efficient and accurate titer analysis option that saves time and money in screening and clone selection.

- Utilize existing HPLC equipment (No CAPEX)
- No biosensor regeneration required between samples
- Direct analysis of fermentor samples
- At-line monitoring
- No method development required



UFT Assay

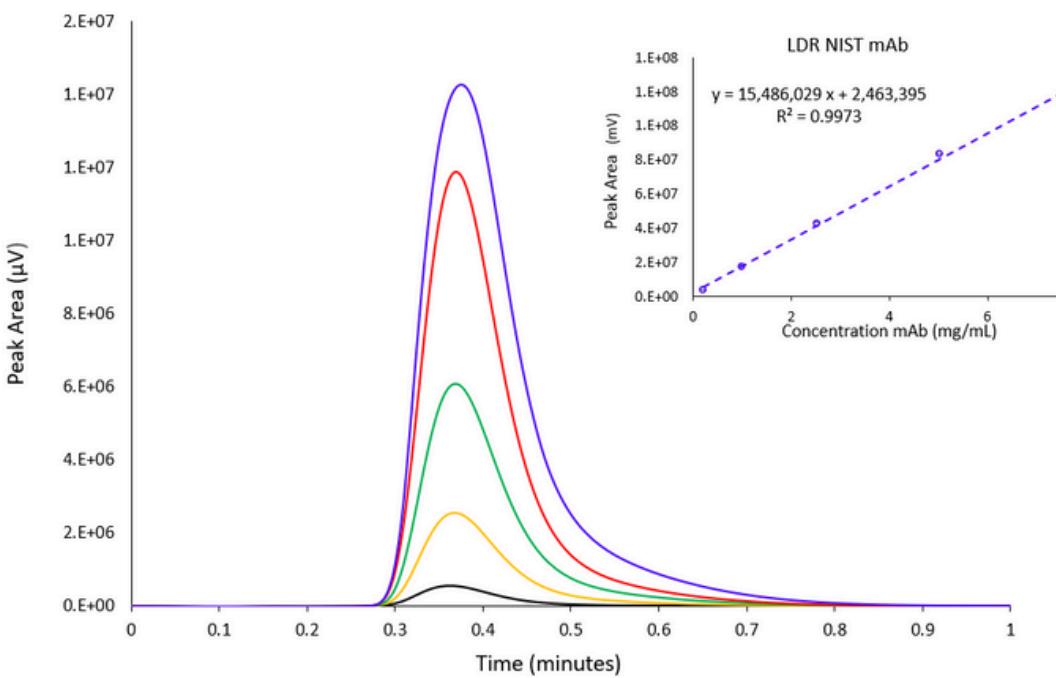
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Octet® BLI

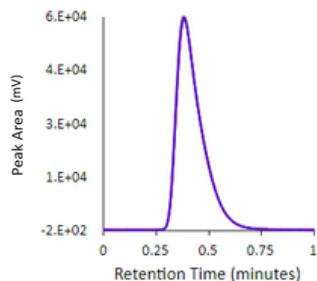
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DATA

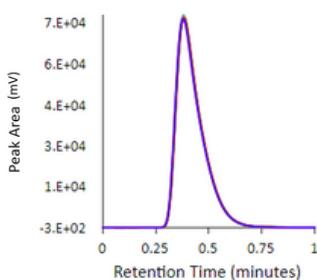
NmAb Standard Injection Overlay
Sample Concentration 0.2 to 7.5 mg/mL (5 μ L injected)



25 μ g NmAb in CFB, (n = 8)
% RSD = 1.00%



25 μ g Denosumab in CFB, (n = 10)
% RSD = 0.39%



PROTEOMETER-UFT WORKFLOW



Sample Collection

Collect and clarify
fermentation broth
sample



Sample Preparation

Single-pump HPLC: Mix samples
with mobile phase aliquots
Dual-pump HPLC: No sample
preparation required



Analysis

90 second LC
fluorescence of titer



Rapid Results + Accelerated Development

Saves 1-3 days per DOE campaign

Proteometer-UFT Starter Kit

- 300 assays
- Item No. 77775-516

Proteometer-UFT Kit

- 1,000 assays
- Item No. 77775-508



COMPONENTS

- Reagent
- Tee
- DMF
- MD Unit
- Buffer packets
- Tubing union

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