

# PROTEOMETER-UFT KIT™

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.

The Proteometer-UFT Kit



- 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

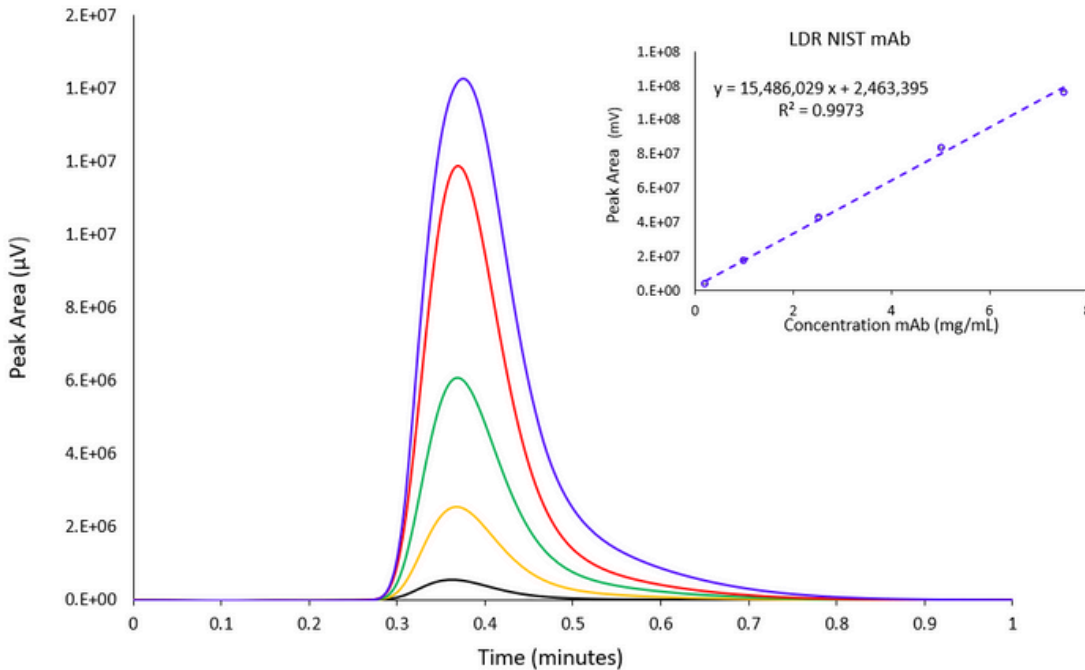


## Octet® BLI

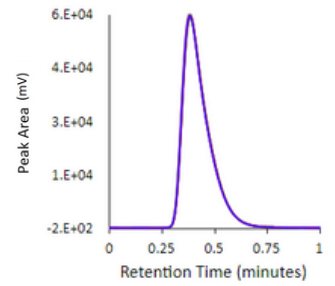


# DATA

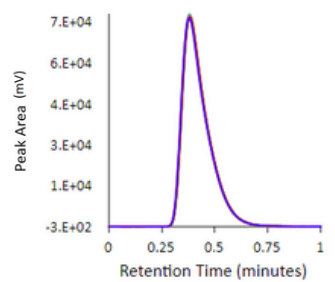
NmAb Standard Injection Overlay  
Sample Concentration 0.2 to 7.5 mg/mL (5µL injected)



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



25 µg 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



Prices, product, and/or services details are current when published and subject to change without notice. | Certain products or services may be limited by federal, state, provincial, or local regulations. | VWR, part of Avantor, makes no claims or warranties concerning sustainable/green products. Any claims concerning sustainable/green products are the sole claims of the manufacturer and not those of VWR International, LLC and/or Avantor, Inc. or affiliates. All prices are in US dollars unless otherwise noted. Offers valid in US and Canada unless otherwise noted, void where prohibited by law or company policy, while supplies last. | Trademarks are owned by Avantor, Inc. or its affiliates, unless otherwise noted. | Visit vwr.com to view our privacy policy, trademark owners, and additional disclaimers. © 2024 Avantor, Inc. All rights reserved.