



**NOVILYTIC**  
THE CANARY IN THE FERMENTOR

# PROTEOMETER-UFT KIT

At-Line Titer Measurement of mAbs in Under 90 Seconds

The Proteometer-UFT provides titer results within 90 seconds. 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 mAb titer analysis option that saves time and money in screening and clone selection.

The Proteometer-UFT Kit



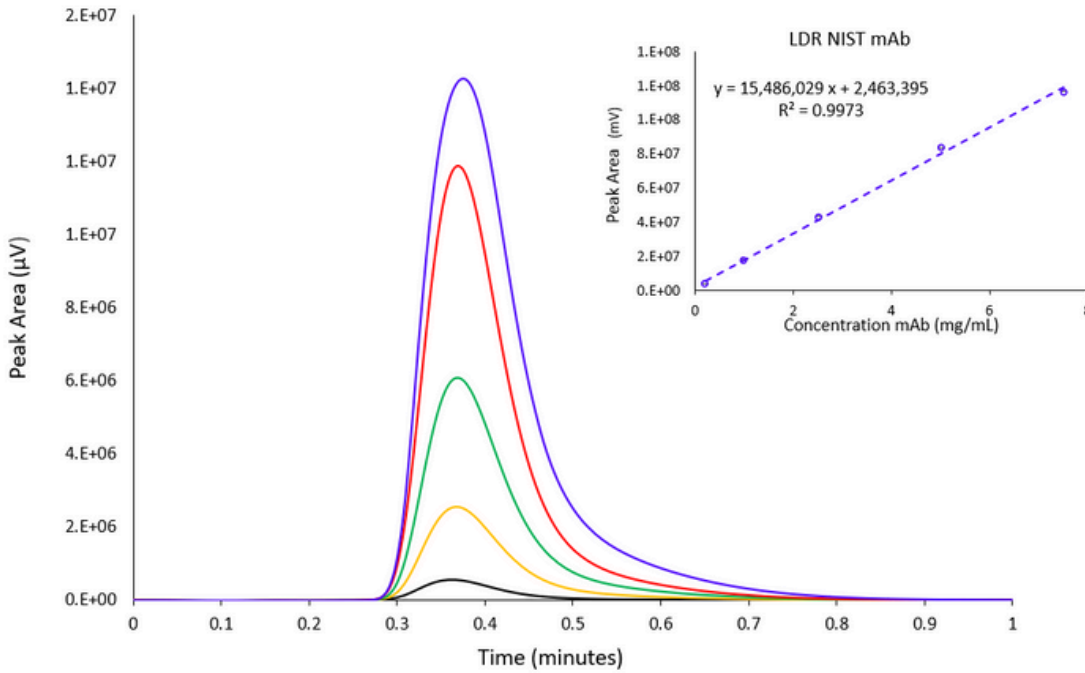
- Plug-and-play solution (No CAPEX)
- No system recycling required between samples
- Direct analysis of fermentor samples
- Sequential assays every two minutes
- At-line monitoring
- No method development required

UFT Assay	BLI Octet
✓	✗
✓	✗
✓	✓
✓	✗
✓	✓
✓	✓

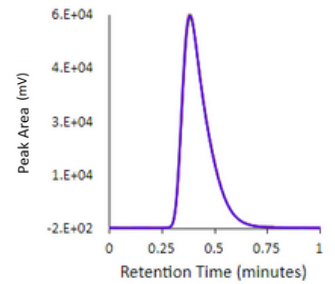
Visit [novilytic.com/shop](http://novilytic.com/shop) to purchase a kit.

# DATA

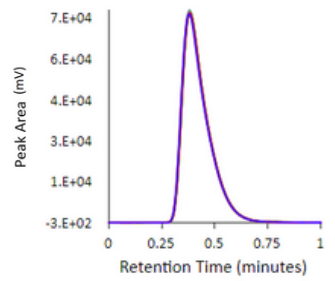
NmAb Standard Injection Overlay  
Sample Concentration 0.2 to 7.5 mg/mL (5µL injected)



25 µg NmAb in CFB, (n = 8)  
CV=1.00%



25 µg Denosumab in CFB, (n = 10)  
CV=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



## COMPONENTS

- Reagent
- Tee
- DMF
- MD Unit
- Buffer packets
- Instructions for use

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