

# COMPETITOR COMPARISON

## GST TAG PURIFICATION

### Experiment:

Clarified *E. coli* lysate containing recombinant *Glutathione-S-Transferase*, Mr 36100 Da was offered (under the same conditions) to different Glutathione agarose cartridges.

#### ABT CARTRIDGE

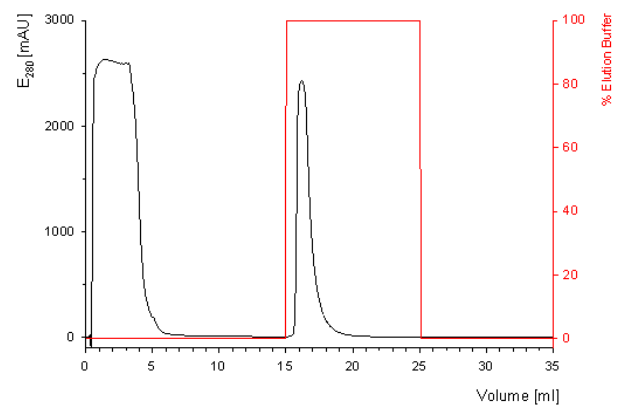
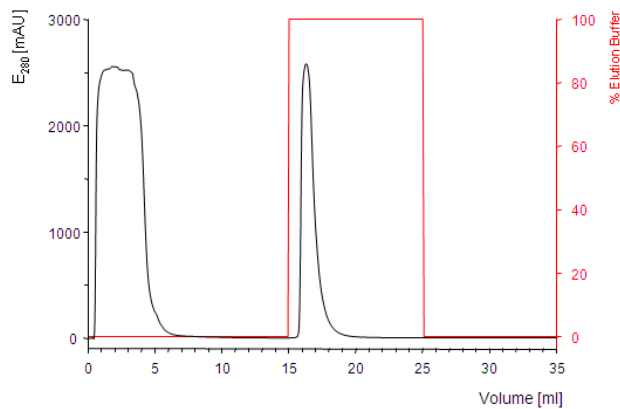
12,2 (mg purified protein /cartridge)

Purity 94,5%

#### COMPETITOR A CARTRIDGE

11,8 (mg purified protein /cartridge)

Purity 93,6 %



### Experiment:

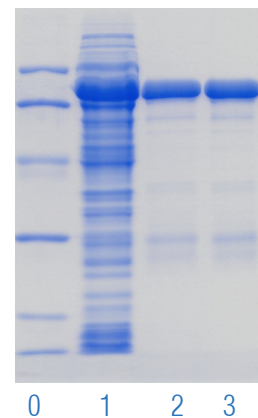
Clarified *E. coli* lysate containing *GST-tagged protein*, Mr 1326 KDa was offered (under the same conditions) to different Glutathione agarose cartridges.

0. Marker

1. Clarified *E. coli* lysate

2. Pooled elution fractions (ABT-cartridge)

3. Pooled elution fractions (Competitor A)



#### ABT CARTRIDGE

2,4 (mg purified protein /cartridge)

Purity 90,5 %

#### COMPETITOR A CARTRIDGE

2,3 (mg purified protein /cartridge)

Purity 85,5%



Glutathione Agarose Resins (ABT) shows high performance for purification of recombinant GST-tagged proteins on ÄKTAprime™ plus. Yield and purity are comparable to GSTrap™ 4B 1 ml columns.