

Technical Data Sheet

Thrombin Dilution Buffer

Product Information

Material Number: 554786

Size: 1.0 ml

Description

The Thrombin Dilution Buffer is composed of 10 mM Tris-HCl pH 8.0, 1 mM EDTA. A thrombin cleavage site is found upstream of the multiple cloning site in the pAcHLT and pAcGHLT Baculovirus Transfer Vectors. Cleavage at this site by thrombin allows for the separation of the GST/6xHis fusion partner from the protein of interest. One unit of thrombin digests 100 µg of recombinant protein containing a single thrombin site within 1 hour under standard assay conditions.

Preparation and Storage

Store undiluted at 4° C.

Dissolve 1000 units thrombin powder (Cat. No. 554783) in 1 ml thrombin dilution buffer. The resulting thrombin solution is ready-to-use. Store at 4°C.

Application Notes

Application

| | |
|-------------|------------------|
| Baculovirus | Routinely Tested |
|-------------|------------------|

Suggested Companion Products

| Catalog Number | Name | Size | Clone |
|----------------|------------------------|-------|--------|
| 554783 | Thrombin Powder | 20 mg | (none) |
| 560137 | GST Purification Kit | 1 box | (none) |
| 560138 | 6XHis Purification Kit | 1 box | (none) |

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