

Cells to Gels in 60 Minutes

Introducing an all-in-one solution for
Inclusion Body Protein Purification



ProteoSpin™ Inclusion Body Isolation Micro Kit

Features and Benefits

- A Complete Kit for Isolation and Purification of Inclusion Body Proteins
- Process Acidic and Basic Proteins from Inclusion Bodies
- Fast and Convenient Spin-Column Format
- Move from "Cell to Gel" in Under 1 Hour
- High Protein Recovery

Applications

- Mass Spectrometry
- SDS-PAGE
- Refolding Experiments
- Optimization of Recombinant Protein Production

Also Available:

- Cell Lysis Reagent
- Inclusion Body Solubilization Reagent

ProteoSpin™ Inclusion Body Isolation Kit

The ProteoSpin™ Inclusion Body Isolation Micro Kit facilitates the screening of *E. coli* clones that express recombinant proteins in inclusion bodies. The kit includes reagents specially formulated to achieve rapid and high-quality purification of inclusion bodies using three processes:

1. Lysis of bacterial cells to release inclusion bodies in solid form
2. Solubilization of purified inclusion bodies
3. Purification of the recombinant protein using spin-column chromatography

Downstream applications include SDS-PAGE analysis, refolding experiments, mass spectrometry, further purification and scale-up.

ProteoSpin™ Inclusion Body Isolation Kit Benefits	
Three kits in one for acidic and basic proteins	The kit provides essential reagents for cell disruption, inclusion body solubilization and purification using spin column chromatography. The kit includes solutions and protocols for use with either acidic or basic proteins.
Gentle disruption procedure provides high purity final product	Cell lysis is accomplished through non-ionic detergent chemical disruption. The use of a needle and syringe reduces viscosity and facilitates purification, producing protein often >95% pure. Proteins are then ready for SDS-PAGE, 2D gels, mass spectrometry analysis or other procedures.
Convenient process volume	Analyze 1.5 mL of microbial cell culture yielding 2–50 µg of protein.
Fast process time	Process up to 12 samples in only 60 minutes.

Cat #	Description	Quantity
10300	ProteoSpin™ Inclusion Body Isolation Micro Kit	20 samples
10600	ProteoSpin™ Inclusion Body Isolation Micro Kit	50 samples

Ordering Information

Norgen Biotek offers several ways to place orders.

Phone: (905)-227-8848 or Toll Free in North America 1-866-667-4362 (NORGENB)

Website: www.norgenbiotek.com

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