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## **NeoGeneStar™ Proteolytic Activation Capsules (PACs)**

### **25 Predispensed PACs in individual tubes for cfDNA stabilization**

For stabilization of cfDNA at room temperature (+4 to 37 °C)

**Cat. #    NGS-PACs-1.0ml**  
**NGS-PACs-2.5ml**  
**NGS-PACs-4.0ml**  
**NGS-PACs-5.0ml**  
**NGS-PACs-8.0ml**

For Research Use Only.

Not for human or animal therapeutic or diagnostic use.

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NeoGeneStar™ Proteolytic Activation Capsules (PACs) is specially designed for ease of handling, storage and shipping of plasma for cfDNA purification.

NGS™ PAC treatment stabilizes cfDNA in the sample for up to 2 weeks. For cfDNA purification, the sample is incubated at 55-60°C for 30 minutes, followed by NeoGeneStar™ cfDNA purification.

## Kit Contents

Catalog Number	Sample Volume	Number of Samples
NGS™-PACs-1.0ml	1.0ml	25
NGS™-PACs-2.5ml	2.5ml	25
NGS™-PACs-4.0ml	4.0ml	25
NGS™-PACs-5.0ml	5.0ml	25
NGS™-PACs-8.0ml	8.0ml	25
NGS™-PACs-X ml	Sample Volume Requested	25

The tubes contain irritants, please wear gloves and handle with appropriate laboratory safety measures.

Storage Condition: Store NGS™-PACs at room temperature.

Example protocol for NGS™-PACs-4.0ml

1. Add 4ml of sample into the tube, mix at room temperature until dissolved – typically 2 to 5 minutes.
2. NGS™ PACS stabilized cfDNA can be stored for up to 2 weeks at room temperature. Prior to cfDNA purification, incubate at 55-60°C for 30 minutes.

Proceed to NGS cfDNA purification based on original sample volume, ie. 4 ml of plasma will result in about 4.1ml of stabilized cfDNA sample – add the entire 4.1 ml to the NGS 4ml LYS tube for cfDNA purification.

The information in this guide is subject to change without notice.

Patent pending.

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