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POP-4™ Polymer, For 3500/SeqS...



**i** POP-4 96 Pouch SKU (#A26070) is not enabled on SeqStudio Flex Genetic Analyzers! 384 or 960 Sample Pouch SKUs should be used.



Certificates

SDS

Applied Biosystems™

## POP-4™ Polymer, for 3500/SeqStudio™ Flex

POP-4, POP-6, and POP-7 are conveniently offered in easy to use pouch packages. The POP-4 separation matrix is optimized for HID/forensic applications.

Have Questions? [Contact Us](#)

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Quantity:

96 Samples

384 Samples

960 Samples

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Price (MDL) / Each

-

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Quantity:

96 Samples

## Product Overview

Documents

FAQ

POP-4, POP-6, and POP-7 are conveniently offered in easy to use pouch packages. POP-4 separation matrix is optimized for HID/forensic applications. POP polymers dynamically coat the capillary wall to control electro-osmotic flow. Their definite quality and uniform consistency eliminate guesswork and help to ensure reproducibility. POP Polymers are specifically formulated to separate DNA fragments of a known size range at a desired resolution and run time.

POP-4, POP-6, and POP-7 are conveniently offered in easy to use pouch packages with multiple sample size formats. The POP-4 separation matrix is optimized for HID/forensic applications.

- **Easy to use:** Pre-formulated and in a single use pouch, which not only saves time but also ensures reliability and consistency
- **Include radio frequency identification (RFID) label:** easy to track important information such as part/lot number, samples remaining, and expiry dates (displayed on software dashboard)
- **Robust formulation:** formulated for sequencing and fragment analysis applications
- **Replenishable:** allow capillaries to be used multiple times

### Reproducible Results

POP polymers dynamically coat the capillary wall to control electro-osmotic flow. Their definite quality and uniform consistency eliminate guesswork and help to ensure reproducibility. POP Polymers are specifically formulated to separate DNA fragments of a known size range at a desired resolution and run time.

### Many Choices

POP-7 polymers are very versatile and designed for a wide range of short read to long read sequencing applications as well as fragment analysis. POP-4 polymers are designed specifically for HID/Forensic applications, while POP-6 polymers are the choice for certain sequencing applications (and fragment analysis).

For partially used pouches that need to be stored, a cap (4412619) that plugs into the pouch fitment opening is recommended.

For Research Use Only. Not for use in diagnostic procedures.

## Specifications

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Recommended Storage	The pouch contains 96 samples of the polymer. Store pouch at 2–8°C until ready to use. Refer to the expiration date on the label. Note that expired pouches should not be used on the instrument.
Quantity	96 Samples
Unit Size	Each

## Documents & Downloads

### Certificates

Search by lot number or partial lot number Search

Lot #	Certificate Type	Date	Catalog Number(s)
<a href="#"> 2504099</a>	Certificate of Analysis	May 21, 2025	A26070
<a href="#"> 2503345</a>	Certificate of Analysis	May 08, 2025	4393715
<a href="#"> 2503257</a>	Certificate of Analysis	May 08, 2025	4393710
<a href="#"> 2503344</a>	Certificate of Analysis	May 02, 2025	4393715
<a href="#"> 2503343</a>	Certificate of Analysis	Apr 09, 2025	4393715

5 results displayed, search above for a specific certificate

[Request a Certificate](#)

### Safety Data Sheets



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## Manuals

-  [Product Sheet: POP-4, POP-6, POP-7 Polymers - SeqStudio Flex and 3500 series instruments](#)
-  [User Guide: DNA Fragment Analysis by Capillary Electrophoresis \(English\)](#)

## Scientific Resources

### Brochures

-  [3500 Dx and 3500xL Dx Genetic Analyzers](#)

## Limited Use Label Licenses (LULL)

License #481 - Sequencing or Fragment Analysis Intellectual Property 

## Frequently asked questions (FAQs)

What is the white residue around the Applied Biosystems 3500/3500xL Genetic Analyzer array knob? 

I seem to be getting bubbles from the polymer pouch on my Applied Biosystems 3500/3500xL Genetic Analyzer but the polymer level is normal. What is causing it? 

When I started my run on the Applied Biosystems 3500/3500xL Genetic Analyzer, an error occurred: "Unstable Electrophoresis current detected, check for air bubbles" but I don't see any bubbles. What else can cause this? 

Do I need to replace the buffer every 14 days if the Applied Biosystems 3500/3500xL Genetic Analyzer is not in use? 

How long can I keep the buffer on the Applied Biosystems 3500/3500xL Genetic Analyzer? 