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POP-4™ Polymer, For 3500/SeqS...



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



[Certificates](#)

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

-

Contact Us

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

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

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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? 