


Can I use the Chemical Solutions HSQ Kit with the longer column from the original PQ Kit - FAQ

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 **Yes, you can** — with a few simple adjustments.

If you're required to use the older 150mm PQ™ column instead of the standard 75mm HSQ™ column, the HSQ Kit can still be used effectively by modifying a few parameters in the included Excel spreadsheet.

Recommended Adjustments:

To ensure accurate results with the longer column, update the following settings:

Parameter	Original HSQ Setting	Adjusted for 150mm Column
Flow Rate	2.0 mL/min	1.0 mL/min
Retention Times	Standard	Multiply by 4×
Injection Volume	8 µL	Increase to 12 µL
Gradient Test Steps	5-minute steps	Extend to 10-minute steps (for systems with large dwell volumes)

These changes compensate for the longer column length and lower flow rate, ensuring your qualification results remain valid and reliable.

Important Notes:

- All other test parameters and results remain unchanged between the HSQ and PQ kits.
- Using the 75mm HSQ column is recommended when possible, as it reduces run time by approximately 75%, saving time and resources.

 Click [HERE](#) for HSQ & PQ Kit ordering information and product images

Need help modifying the spreadsheet or optimizing your setup? Our technical team is here to assist!

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