



High-Throughput Kit

Our High-Throughput Kits open doors for the massive parallelization of peptide manufacturing. Create purified peptide libraries using catch-and-release purification methodologies in 48- or 96-well filter plates. The high loading capacity of the activated filter material allows you to address the preparative scale with unprecedented speed.

"Belyntic's High-Throughput Kit allowed me to quickly and conveniently clean-up 96 peptides from an array synthesis. This greatly improved the purity of my peptides facilitating generation of high quality data from subsequent screening experiments"

**B. Premdjee, PhD, Senior Scientist,
Novo Nordisk A/S**



High-Throughput Kit 96 x 10 µmol*:

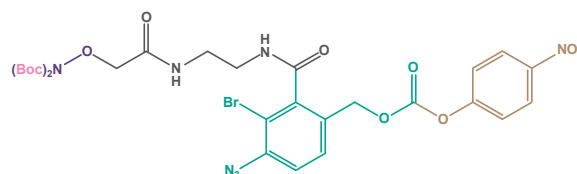
Get access to a purified peptide library in preparative scale within a day

High-Throughput Kit 48 x 20 µmol*:

Seamlessly adjust your scale and throughput for pre-clinical studies

*referring to synthesis scale

Parallel use



Built on Belyntic's catch-and-safety-release
PEC-Linker RC+

Product Highlights:

- parallel purification in 48- or 96-well filter plates
- high-loading capacity purification media allows scales up to 20 µmol
- increase reliability of your screening or validation assay
- acrylic vacuum manifold available on belyntic.com

High Throughput Kit 96 x 10 µmol

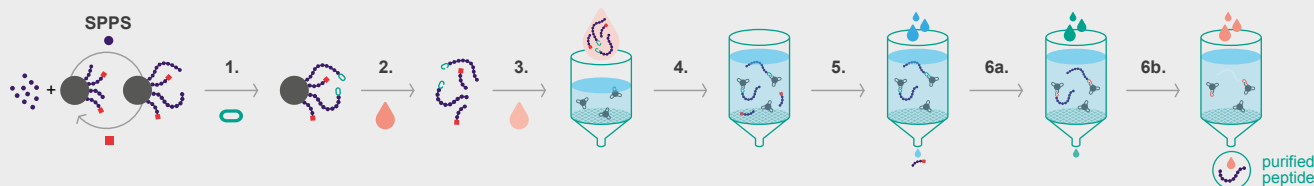
High Throughput Kit 48 x 20 µmol

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|----------------------------------|---|---|
| PEC-Linker | RC+ | RC+ |
| Activated filter material | Agarose100 filled in 96-well filter plate | Agarose100 filled in 48-well filter plate |
| Reducing Agent | DL-Dithiothreitol | DL-Dithiothreitol |
| Blocking Agent | L-Cysteine | L-Cysteine |
| Buffer | Mixture of citric acid-sodium carbonate | Mixture of citric acid-sodium carbonate |
| Additional equipment | TFA and peptide collection plate | Peptide collection plate |
| Manual | Included | Included |
| Product code | 180484100 | 180484102 |
| Price | 1200 € | 1200 € |

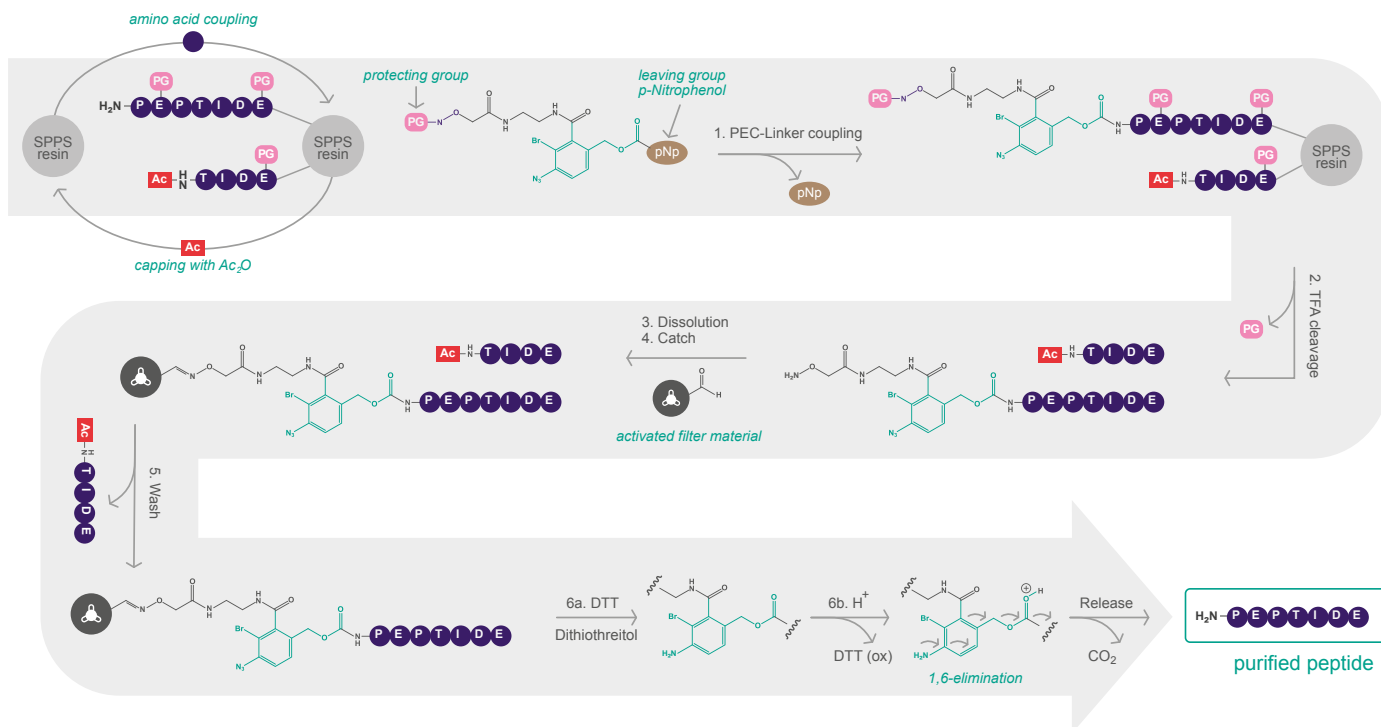


Our Technology

Belyntic's Peptide Easy Clean (PEC) technology breaks barriers in peptide purification. The key for a universal application is our novel reductively cleavable PEC-Linker RC+. The target peptide is covalently captured on our high-capacity activated filter material via robust oxime ligation. The safety-catch functionality allows the traceless release of the purified peptide without the formation of by-products.



1. Couple the PEC-Linker after SPPS
2. Cleave and elute the peptide
3. Precipitate and dissolve
4. Catch on activated filter material, pre-packed in filter plates
5. Wash away impurities
- 6a. Reduce the PEC-Linker to enable safety-release of peptides
- 6b. Release your purified peptide with weak acids



Belyntic

Changing the Tide in Peptides

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