

BOOSTED SUSTAINABILITY, TRUSTED RELIABILITY

New Spectroquant[®] Protein Test Kit in FSC^{*}-certified packaging

High performance in low-impact design

Our new Spectroquant[®] Protein Test Kit (1.73800) offers the same product quality and safety you trust – and now comes in redesigned packaging that lowers the environmental impact. We have replaced all PS and PE components with FSC-certified cardboard, allowing simple, standard recycling.



PREVIOUS PACKAGING



NEW PACKAGING

Sustainability benefits

- **86.5%** lower GWP** per kit by replacing PS and PE with FSC-certified cardboard
- **55%** lower packaging weight (from 244 g to 133 g) for more efficient transportation and reduced packaging material consumption



SMASH Packaging

The new design supports our SMASH Packaging pillars, SHRINK and SWITCH, by reducing packaging weight and replacing plastic components with FSC-certified cardboard.

* FSC: Forest Stewardship Council

** GWP (with CO₂ Uptake) (kg CO₂ eq.): Global Warming Potential (GWP) with CO₂ uptake considers the total quantity of greenhouse gasses (GHG) emitted throughout the life cycle reported in kilograms of CO₂ equivalents. This calculation follows the IPCC Sixth Assessment Report (AR6) 2021 100a w/CO₂ Uptake method. It considers global warming potential for a 100-year timeframe.

| Part | Previous material | New material |
|---------------|-------------------|---------------------------|
| Box | PS | Cardboard (FSC certified) |
| Bridge insert | PE | Cardboard (FSC certified) |
| Spacer | PE | Cardboard (FSC certified) |

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The Life Science business of Merck operates as MilliporeSigma in the U.S. and Canada.

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MK_FL15151EN 68348 02/2026

