



FastRemover™ for Phospholipid

Rapid and Efficient Removal of Proteins and Phospholipids

The FastRemover for Phospholipid 96-well plate deliver a rapid and effective removal of proteins and phospholipids in plasma and serum samples without sacrificing the recovery of your target analytes.



Benefits

- Simple & easy protocol to remove proteins and phospholipids
- High sensitivity analysis is unaffected by contamination from plasticizers or other impurities found in other 96well plates
- Removal of microparticle contaminants enables injection to LC/MS/MS directly from the collection plate
- Removes more than 90% of phospholipids resulting in eliminating ion-suppression
- Prolong HPLC/UHPLC column lifetime by removing proteins and phospholipids that can damage your column

Phospholipid Removal

The presence of phospholipids in plasma or serum samples is one of the major problems in LC/MS-(MS) analysis. Phospholipids can build up on your MS system and bleed off the HPLC/UHPLC column, causing ion suppression, shifts in retention time and peak shape and necessitating time consuming column and system maintenance. Use of FastRemover for Phospholipid 96-well plate will eliminate these effects and extend the lifetime of your HPLC/UHPLC column and deliver more predictable/accurate mass spectrometry results.

Easy Procedure by FastRemover for Phospholipid

Step 1: Solvent Loading

Add 400 µL of 1% Formic Acid in Acetonitrile into the wells

Step 2: Sample Loading

Add 100 µL of serum sample into the wells

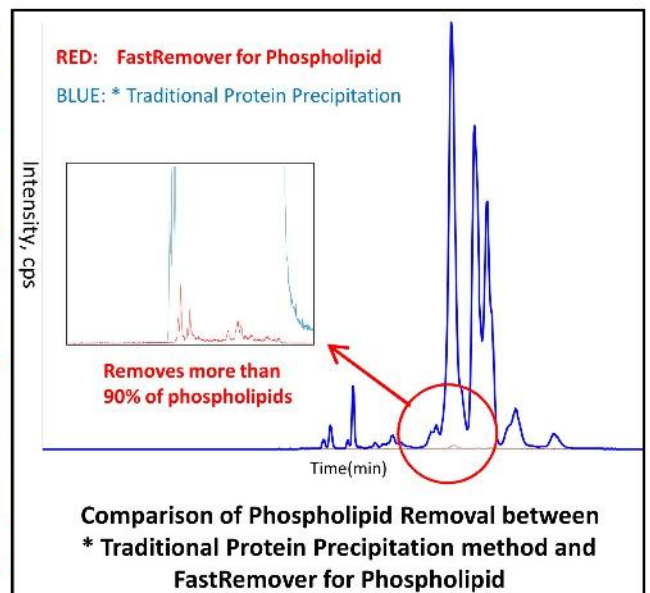
Step 3: Mixing

Aspirate the samples up & down couple of times by a manual pipette or an automated pipetting system may be used to ensure complete mixing

Step 4: Analysis

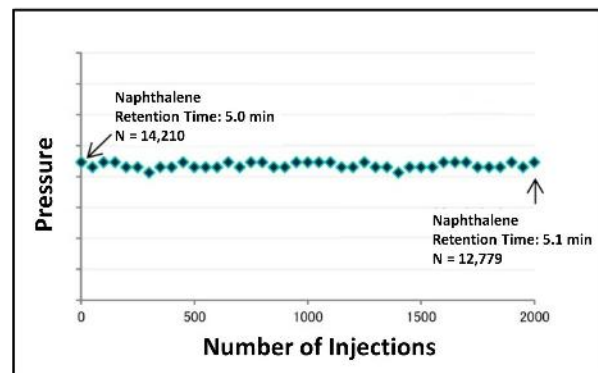
Collect the extracted sample from the 96-well plate & inject to LC/MS(MS)

* Traditional Protein Precipitation method:
Adding acetonitrile to sample and collecting the supernatant layer



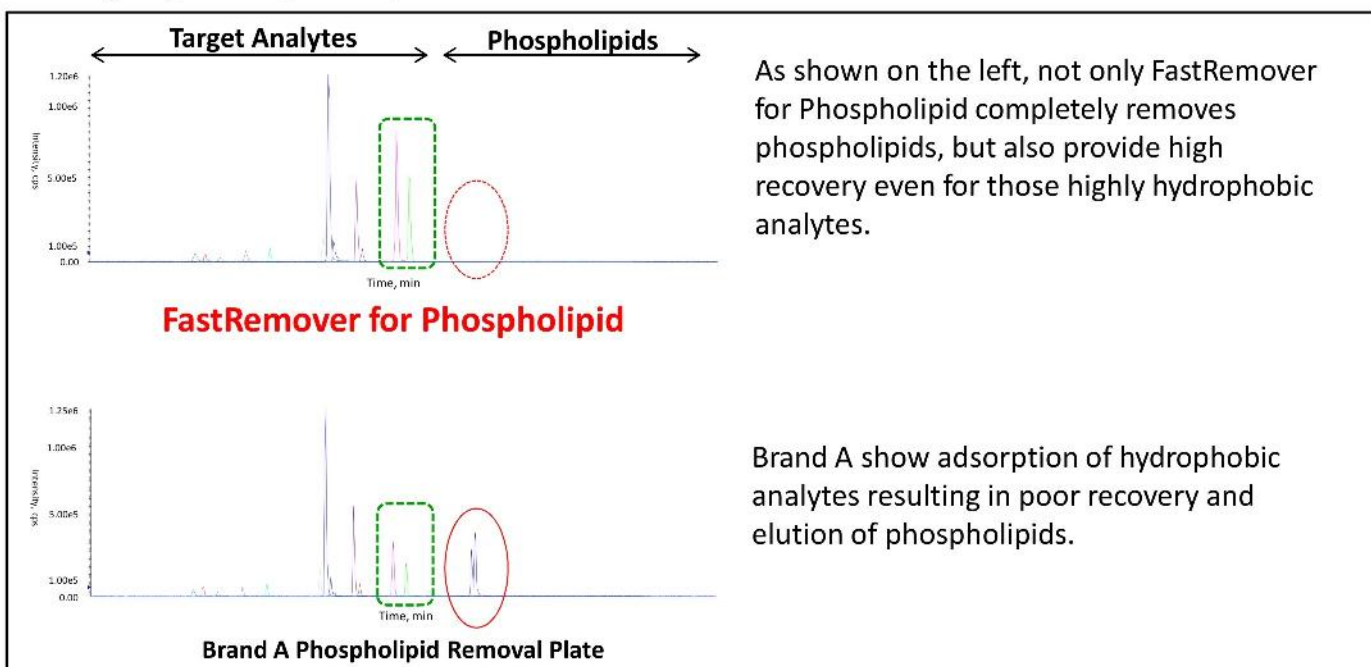
Extend HPLC/UHPLC Column Lifetime

Over the course of multiple injections, phospholipids build up and can lead to reduced column lifetime, showing increase in column back pressure, decrease in column sensitivity and efficiency. The figure on the right illustrates the removal efficiency of phospholipids, proteins and microparticles by FastRemover for Phospholipid.



Industry Leading High Recovery for Bioanalysis

As shown below, the FastRemover for Phospholipid 96 -well plate deliver a rapid and effective removal of proteins and phospholipids in plasma and serum samples without sacrificing the recovery of your target analytes.



Ordering Information

Description	Qty/Pkg	Cat.No.
FastRemover for Phospholipid (0.2 μ m)	1	7510-11021

Contact Information



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