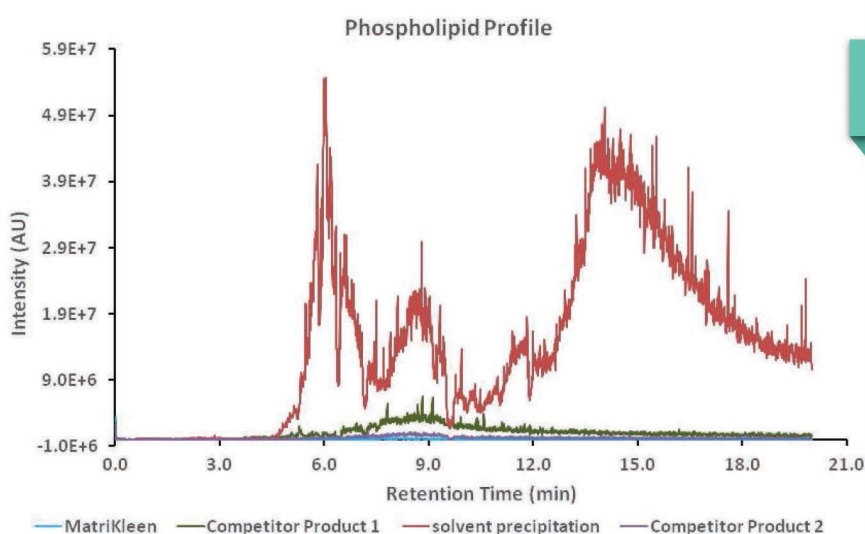


MatriKleen

Eliminates Matrix Effect

MatriKleen Extraction Plate is a new generation sample preparation device which effectively removes most unwanted interferences from biological samples and eliminates ion suppression for mass spectrometry analysis.



Benefits

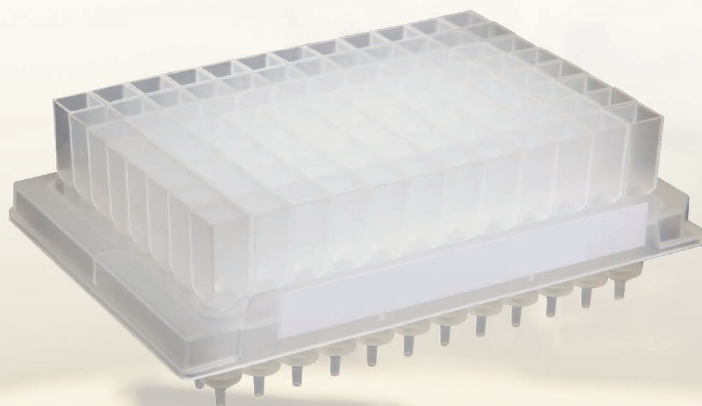
- ▶ Universal extraction tool for:
 - ▶▶ Polar and non polar chemicals
 - ▶▶ Acidic and basic analytes
- ▶ Quick and simple high throughput procedure
- ▶ Total process time <10 mins for 96 samples
- ▶ Eliminates matrix effect from phospholipids
- ▶ High recovery and reproducibility for most drugs

Features

- ▶ In both 3 cc cartridge and 2 cc/well 96-well plate format, larger cartridge format is also available
- ▶ Designed for plasma, serum, and blood samples

Application

- ▶ Pain management drugs in plasma and serum
- ▶ Steroids and other pharmaceuticals in plasma
- ▶ High pKa drugs and metabolites in urine
- ▶ Ethanol metabolites analysis



Note: for urine sample, working volume should not exceed 0.2 mL.
Recommendation: Minimum 1:2—1:3 urine/methanol ratio (v/v).