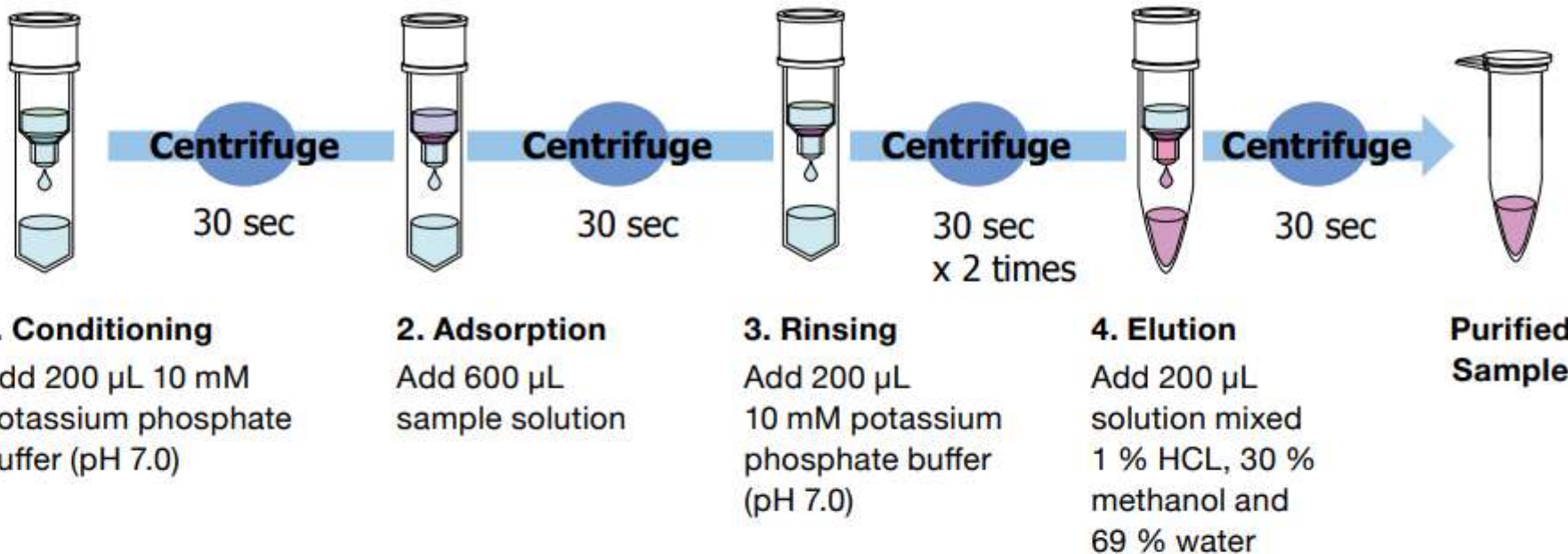


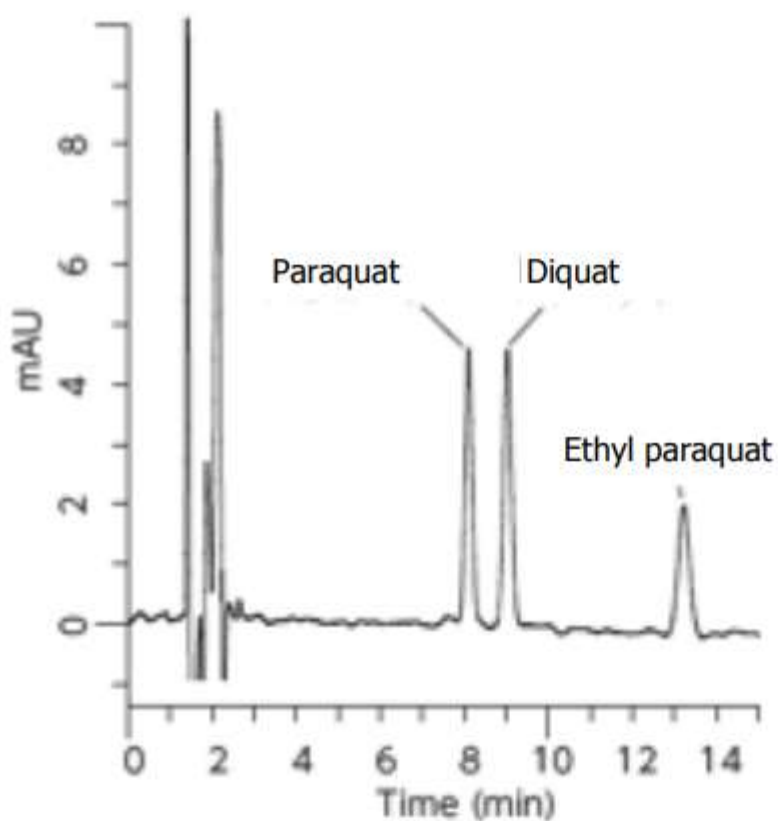
### Sample Preparation

600  $\mu\text{L}$  sample solution :  
Add 200  $\mu\text{L}$  urine and  
and 400  $\mu\text{L}$  10 mM  
potassium phosphate  
buffer (pH 7.0)

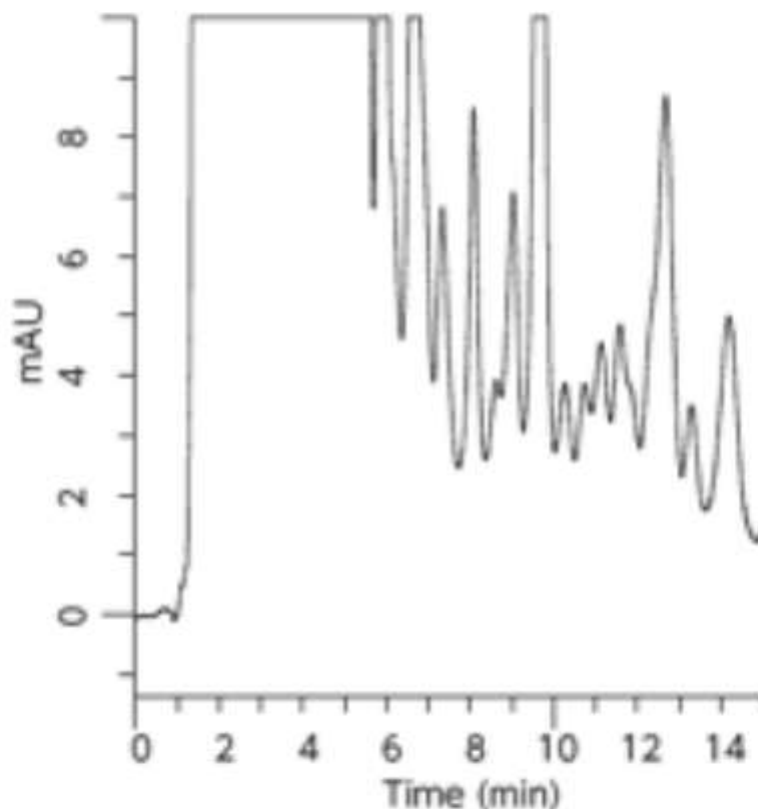
Centrifugation  
Speed : 10,000 x g



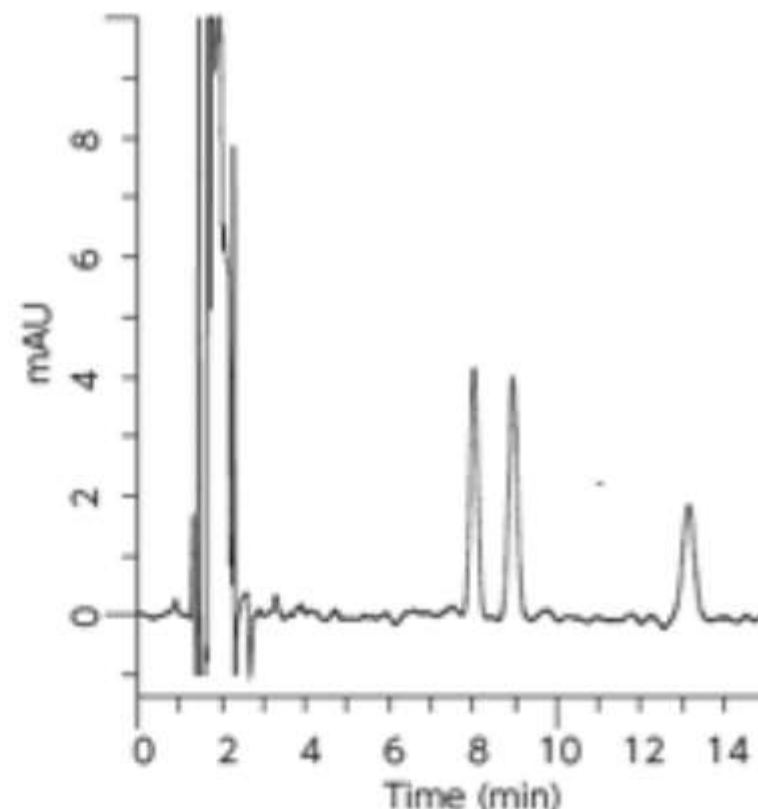
Standard Solution (1  $\mu\text{g}/\text{mL}$ )



Urine + Pesticide (1  $\mu\text{g}/\text{mL}$ )



Purification using MonoSpin CBA



**MonoSpin CBA deliver highly efficient purification of strong basic pesticides such as Paraquat and Diquat.**

### Conditions

Column : Inertsil ODS-3  
(5  $\mu\text{m}$ , 150 mm x 4.6 mm I.D.)

Eluent : 0.2 M phosphoric acid,  
0.1 M diethyl amine,  
7.5 mM IPCC08 (IPCC-0.8,  
Sodium 1-Octanesulfonate)  
/Acetonitrile = 89/11

Flow Rate : 1 mL/min

Col.Temp. : 40  $^{\circ}\text{C}$

Detection : PDA 290 nm

Injection Vol. : 50  $\mu\text{L}$