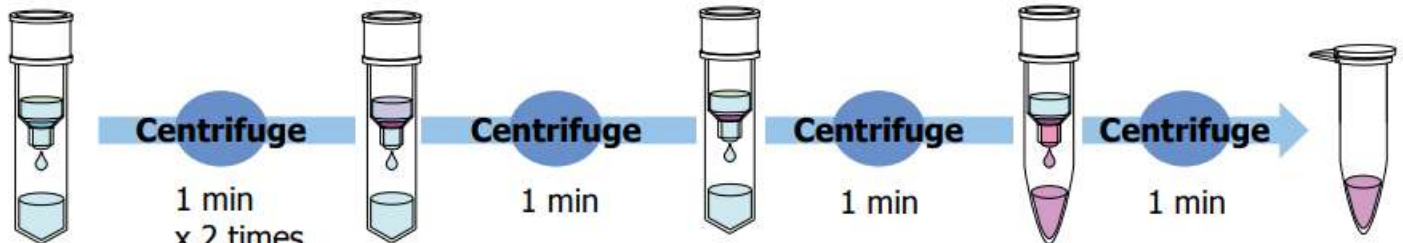


Sample Preparation

250 μL sample solution :
Add 200 μL urine or serum
and 50 μL 1 M potassium
phosphate buffer (pH 8.0
adjust using phosphoric
acid)

Centrifugation
Speed : 10,000 x g



1. Conditioning

Add 200 μL 1 % acetic
acid

↓ Centrifuge

Add 200 μL 100 mM
potassium phosphate
buffer (pH 8.0)

2. Adsorption

Add 250 μL
sample solution

3. Rinsing

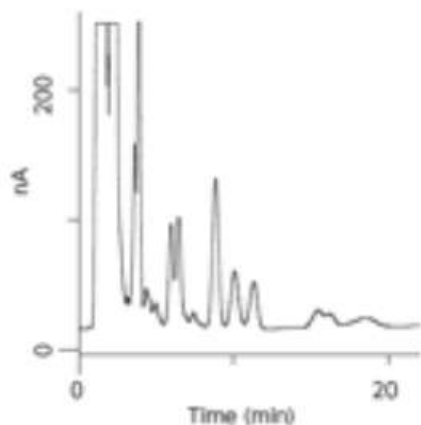
Add 200 μL 100 mM
potassium
phosphate buffer
(pH 8.0)

4. Elution

Add 200 μL 1 %
acetic acid

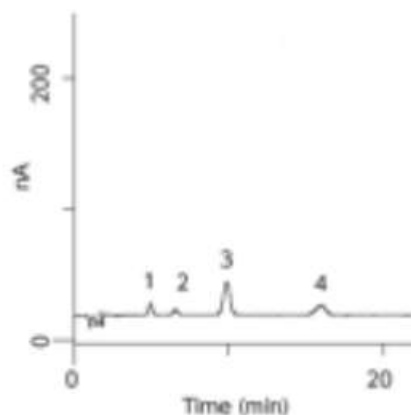
**Purified
Sample**

Without MonoSpin PBA

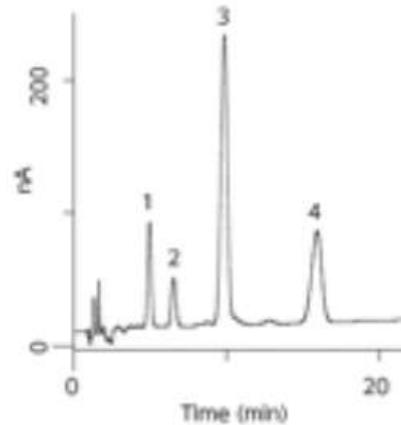


Purification using MonoSpin PBA

500 μL elution



50 μL elution



Conditions

Column : Inertsil ODS-3
(5 μm , 150 mm x 2.1 mm I.D.)

Eluent : 50 mM Phosphate
buffer (pH 5.6)
50 mg/L EDTA
600 mg/L IPCC-008
-10 % Methanol

Flow Rate : 0.3 mL/min

Col.Temp. : 35 $^{\circ}\text{C}$

Injection : 5 μL

Detection : ECD Pulse Mode

Sample : 1. Noradrenaline

2. Adrenaline

3. DHBA

4. Dopamine