

A reliable solution for extraction of Catecholamines and its metabolites

AFFINIMIP® SPE Catecholamines are selective solid phase extraction cartridges that selectively clean and concentrate the **Catecholamines** and its **amino metabolites** from complex matrices such as **Plasma** or **Serum**.

Free catecholamines

- Dopamine (DA)
- Norepinephrine or Noradrenaline (NA)
- Epinephrine or Adrenaline (A)

Metabolites

- Metanephrine
- Normetanephrine (NMN)
- 3-Methoxytyramine



Purification with AFFINIMIP® SPE Catecholamines

Protocol Media

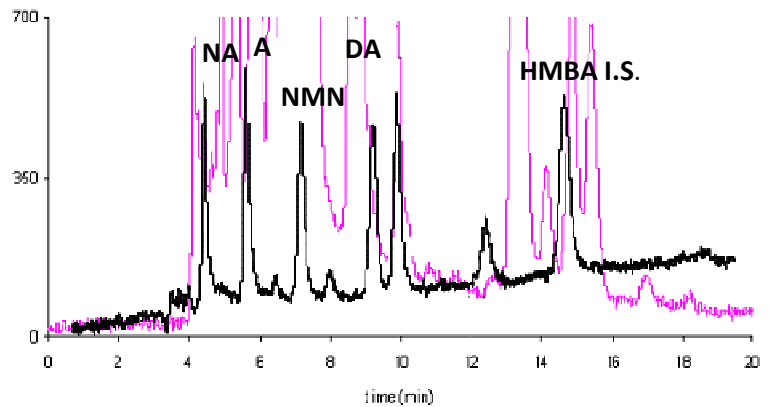
Loading: diluted serum or plasma

Washing: Water – Methanol

Elution: Methanol – Acetic acid

Recovery yield

Analytes	Recoveries %
Dopamine (DA)	67
Noradrenaline (NA)	80
Adrenaline (A)	84
3-Methoxytyramine	102
Normetanephrine (NMN)	106



UV chromatogram of a serum sample spiked with Catecholamines at 450nM with (--) and without (--) **AFFINIMIP® SPE Catecholamines**

Internal Standard: 4-hydroxy-3-methoxybenzylamine (HMBA) (Courtesy of B. Claude and P. Morin, ICOA, Orléans, France)

Ordering information:

Catalog number: DG100-02 for 25 columns
DG100-03 for 50 columns

For more technical details : please visit www.polyintell.com or contact us at contact@polyintell.com