

ClinLab[®] EC6000

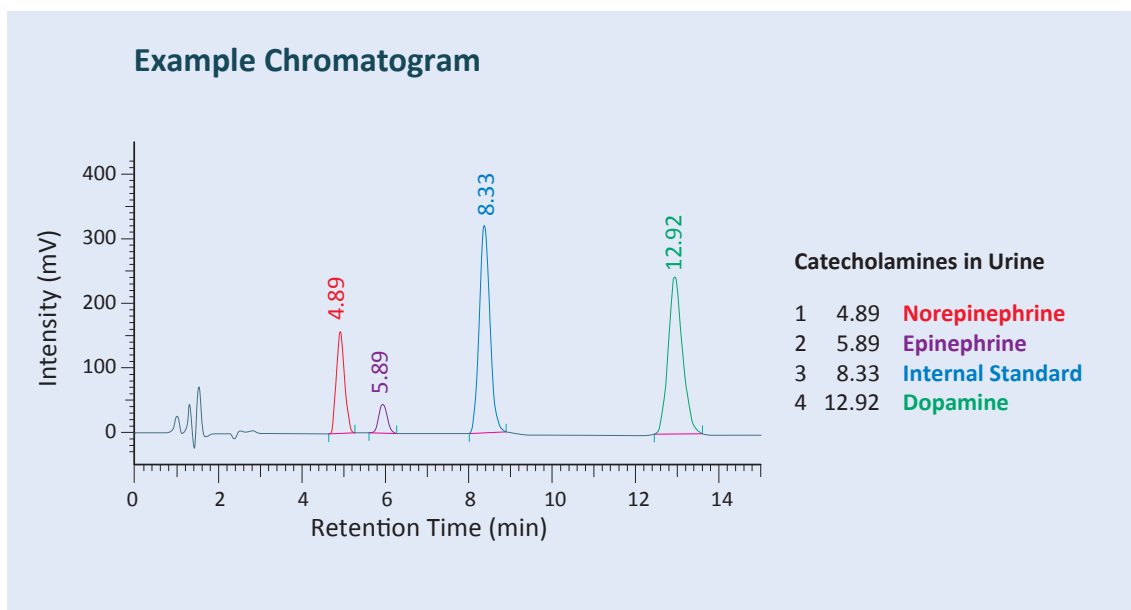


EC6000, compatible to any HPLC-system.

The Amperometric Detection in HPLC is a highly sensitive detection technique that is applied for analyses e.g. biogenic amines.

Measurement of Biogenic Amines

Biogenic amines are important clinical parameters in the diagnosis of tumors of the sympathoadrenal system, such as pheochromocytomas. Diagnostic laboratories use a variety of tests with plasma or 24-hour urine collections. These tests include catecholamines and their metabolites. High-performance liquid chromatography continues to be an important analytical method for biogenic amines quantification. The RECIPE ClinRep[®] Complete Kits for HPLC in combination with the Digital Amperometric Detector EC6000 and the ECD-Cell Sputnik[®] offer you a safe and robust analytical way in your daily routine.



The following ClinRep® Complete Kits are available:

Order-No.	
1000	Catecholamines in plasma: epinephrine, norepinephrine und dopamine
2000	Catecholamines in urine: epinephrine, norepinephrine und dopamine
3000	VMA, HVA and 5-HIAA in urine: vanillylmandelic acid, homovanillic acid and 5-hydroxyindoleacetic acid
4000	Metanephrines in urine: methanephrine, normetanephrine und 3-methoxytyramine
6000	Serotonin in plasma: serotonin
7000	Serotonin in urine: serotonin

Specifications

General features:

Dimensions:	193 mm x 269 mm x 86 mm (d x w x h)
Weight:	1.9 kg

Electronics:

Working potential:	0 to ± 2.00 V
Input current range:	to ± 50 μ A
Measuring range:	10 pA, 200 nA
Autozero range:	to ± 200 nA
Detector noise level:	< 0.3 pA
Analog output:	± 1 V per measurement range
Power supply:	12 V DC max. 450 mA
Power pack:	115/230 V AC

- Simple construction ✓
- Intuitive surface ✓