



Analysis of

- ✓ Aldosterone
- ✓ Cortisol
- ✓ Cortisone
- Estrone
- √ β-Estradiol
 in urine by LC-MS/MS





To Simplify, Improve, Standardize Eureka S.r.l. Lab Division
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Background



Clinical need



Hormones affect the function of target tissues, such as an endocrine gland or an organ.

Evaluation of hormone production independently on circadian rhythms, thus eliminating interpretative error linked to the time of sampling.

20000 - 10000 - 5.5 5.6 5.7 5.8 5.9 6.0 6.1 6.2 6.3 Time, min

Calibrator for Estrone (100 pg/ml) in urine RT 5.88 min Transition 271.2→133.0

Steroid hormones in urine...

... Eureka Advantages

- ✓ Quick SamplePreparation: liquidliquid extraction
- ✓ High sensitivity and great accuracy
- ✓ Chromatographic run:15 min
- ✓ Time and Cost Optimization
- ✓ Stability for 3 years
- ✓ Robust, Fast and Reliable CE-IVD method