

- caused by therapies (e.g., glucocorticoid treatment in patients with allergic, rheumatological, or gastrointestinal diseases) or operative intervention
- caused by other interferences in the hormone metabolism (e.g., administration of steroid hormones in contraception, pre- and post-menopausal conditions, in vitro fertilization, polycystic ovary syndrome (PCOS))

Innovation "Ready-to-use"

Absolute/DQ® Stero17 Kit offers a unique experience in standardized, quantitative steroid hormone detection by simultaneously analyzing (multiplexing) 17 different steroid hormones with (Ultra) High Performance Liquid Chromatography tandem mass spectrometry ((U)HPLC-MS/MS).

This enables the generation of a comprehensive steroid profile from one single human blood (serum, plasma) sample by covering a broad range of potential indications. By this means, potential dysregulations in the steroid hormone biosynthesis can be detected early, while simultaneously quantifying a broad range of steroid hormones.

With unprecedented accuracy, reproducibility, and precision, **Absolute/DQ® Stero17 Kit** sets new standards by assuring high-quality, robust, and reliable results – which is also proven by proficiency tests.

Absolute/DQ® Stero17 Kit – Key Benefits

- **More High Throughput with UHPLC-MS/MS (96 Tests in 12 hours)**
- **Simplified and Faster Sample Preparation**
- **Now DHT included**
- 3 classes: sex steroids, mineralocorticoids, glucocorticoids
- Ready-to-use kit
- Multiplexing steroid hormones
- Most comprehensive steroid hormone screening tool
- Flexible sample number batches
- Developed for HPLC- as well as for improved high throughput UHPLC-MS/MS analysis
- High quality standards and reliable results through QC-implemented workflow control
- Highly robust kit technology with superior analytical performance
- Extraordinary analytical precision, accuracy, selectivity and sensitivity

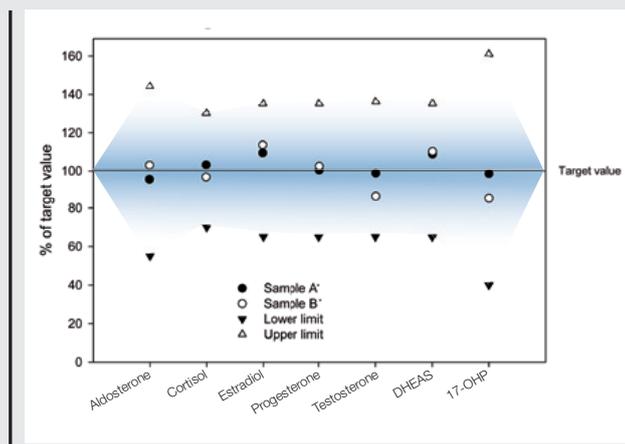
Literature:

Koal T, Schmiederer D, Pham-Tuan H, Röhring C, Rauh M. Standardized LC-MS/MS based steroid hormone profile-analysis. J Steroid Biochem Molecul Biol 129 (2012) 129-138.

Steroid hormone proficiency test

Hitting the target – Setting new standards

Absolute/DQ® Stero17 Kit demonstrated excellent accuracy during a round robin including seven different steroid hormones



Biocrates – The Deep Phenotyping Company

BIOCRATES Life Sciences AG offers unique solutions for targeted, quantitative and quality controlled Metabolic Phenotyping (“Deep Phenotyping”).

Our mass spectrometry based solutions deliver unprecedented accuracy, precision and multiplexing capabilities for a comprehensive and predictive understanding of phenotypes and metabolic pathways. Our metabolomics solutions set a new level for standardized data processing, exchange and storage that can readily meet the rigorous demands of various disciplines such as life sciences, personalized medicine, clinical research, and drug development.



Ordering Information

| AbsoluteIDQ® Stero 17 Kit | Size |
|--------------------------------------|-----------------------------|
| AbsoluteIDQ® Stero17 Kit – HPLC Set | 96 Tests (flexible batches) |
| AbsoluteIDQ® Stero17 Kit – UHPLC Set | 96 Tests (flexible batches) |

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