

Steroid Hormone Targeted Metabolomics

Steroid hormones, derived from cholesterol and produced by the gonads and adrenal glands, include androgens, estrogens, progestogens, glucocorticoids, and mineralocorticoids, regulating processes like reproduction, stress response, and fluid balance. MetwareBio's steroid hormone targeted metabolomics service offers simultaneous absolute quantification of 43 steroid hormones.



Absolute Quantitation

43 standard curves, $r > 0.99$

ng/ml

High Sensitivity

ng/ml concentration can be detected

43

Wide Coverage

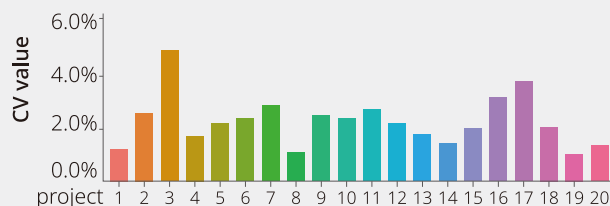
Covering 43 steroid hormones

Six Steroid Hormone Classes



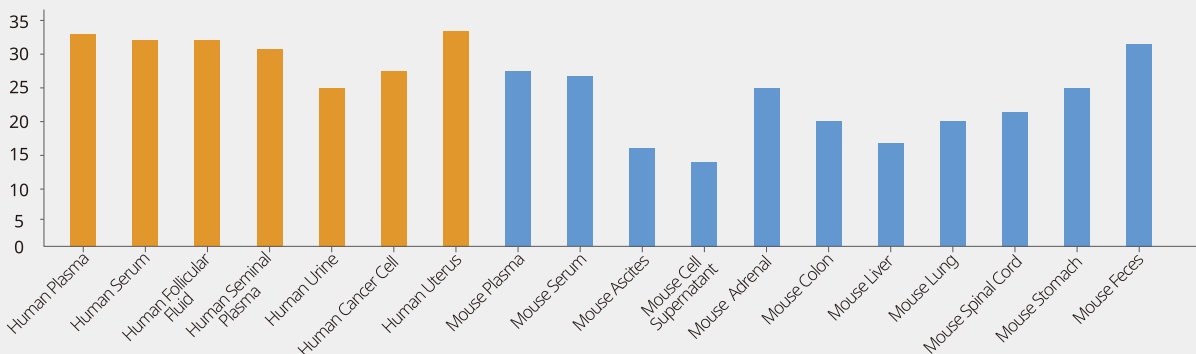
High Stability

The detected metabolites showed a coefficient of variation (CV) of less than 5% in mixed QC samples.



Project Experience

A total of 43 metabolites could be detected from various samples, with an average detection of 25 metabolites.



Number of detected metabolites in different sample types.

METWAREBIO



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