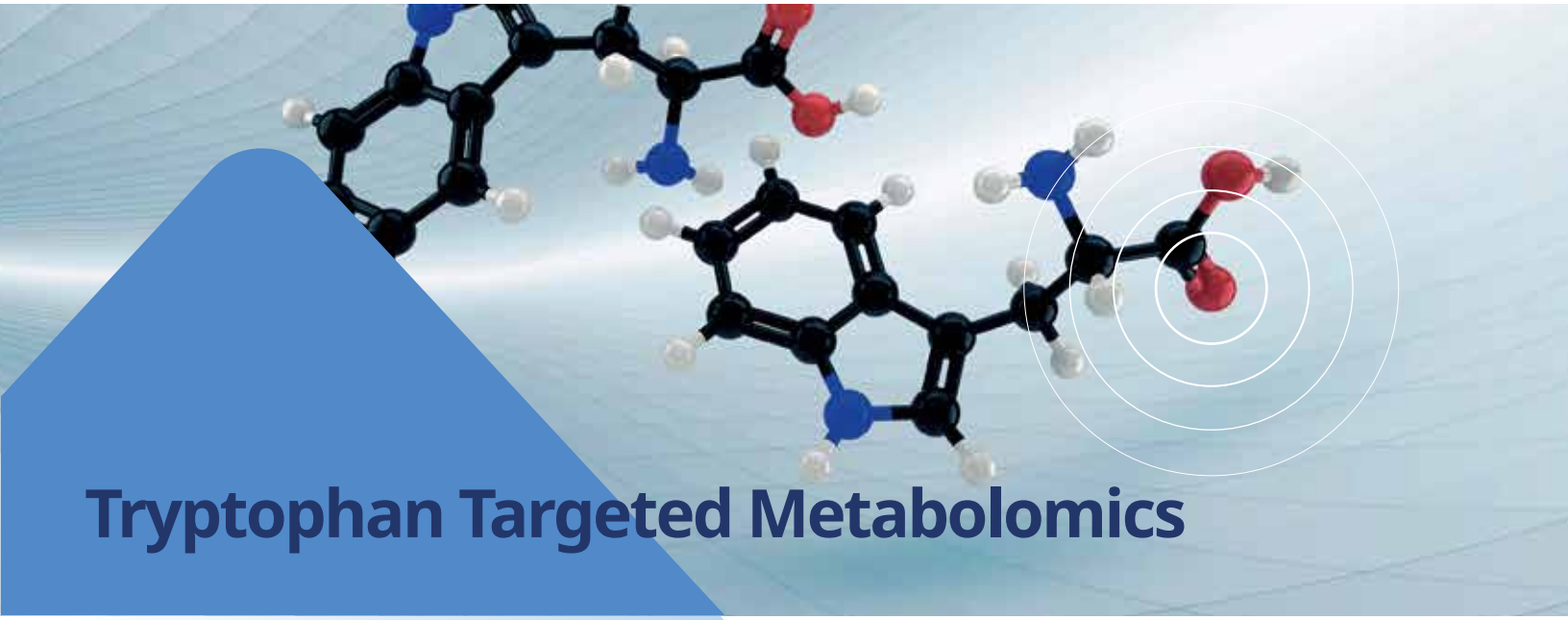


Tryptophan Targeted Metabolomics

Tryptophan acts as a precursor to serotonin, melatonin, and vitamin B3, and a crucial member of in the kynurenine pathway and AhR Pathway. Metwarebio's tryptophan-targeted metabolomics assay enables simultaneous absolute quantification of **38** metabolites associated with tryptophan.

r>0.99

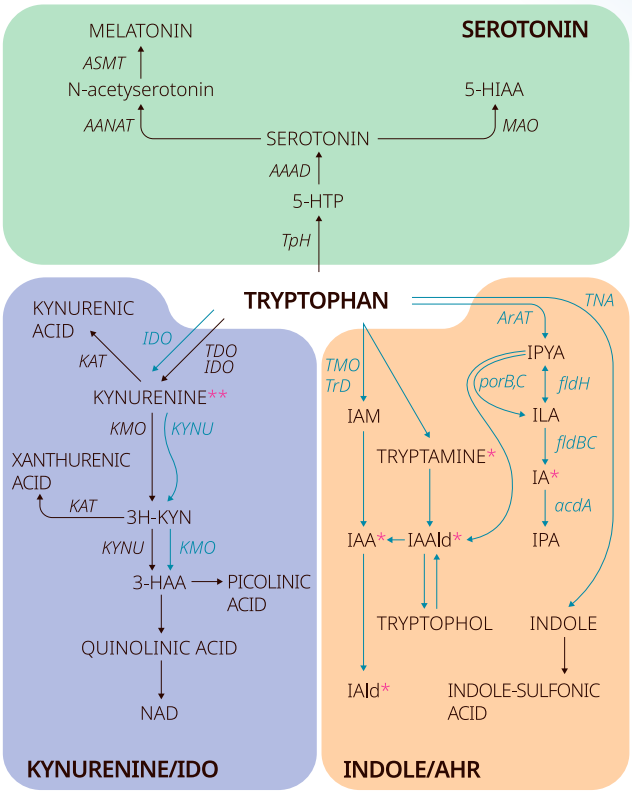
Absolute Quantitation
38 standard curves, r>0.99, 25 isotope internal standards

ng/ml

High Sensitivity
ng/ml concentration can be detected

31

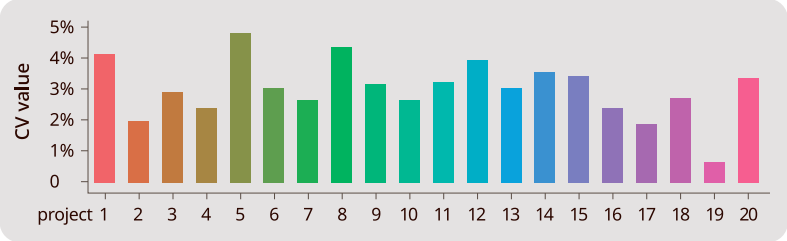
Wide Coverage
Covering 38 compounds in three pathways



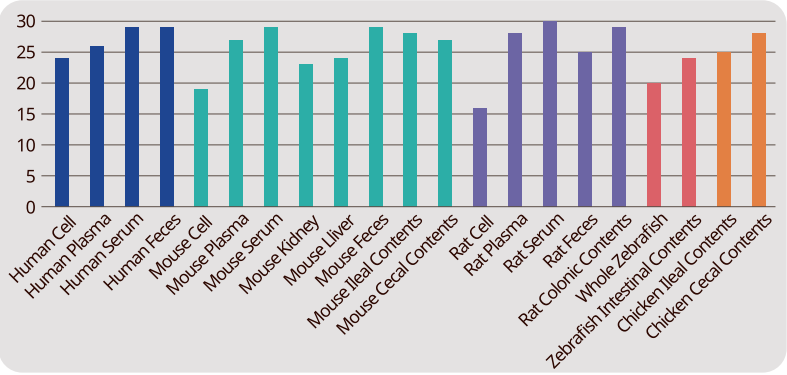
* AhR ligands
** Potential AhR ligand but in supraphysiological concentrations
→ Host pathway
→ Microbial pathway

High Stability

The detected metabolites showed a coefficient of variation (CV) of less than 6% in mixed QC samples.



Project Experience



A total of 31 metabolites could be detected from various samples, with an average detection of 26 metabolites

METWAREBIO

Contact Us
support-global@metwarebio.com
+1(781)975-1541
8A Henshaw Street, Woburn, MA 01801
www.metwarebio.com