

Spatial Metabolomics

Spatial metabolomics combines mass spectrometry imaging (MSI) with metabolomics to provide qualitative, quantitative, and localization analysis of thousands of metabolites in biological tissues. This technique enables precise mapping of biochemical processes, offering valuable insights into disease mechanisms, drug effects, and cellular functions, making it essential for advancing life sciences research.



High-Resolution

Metabolite mapping
5 - 100 µm resolution



Extensive Experience

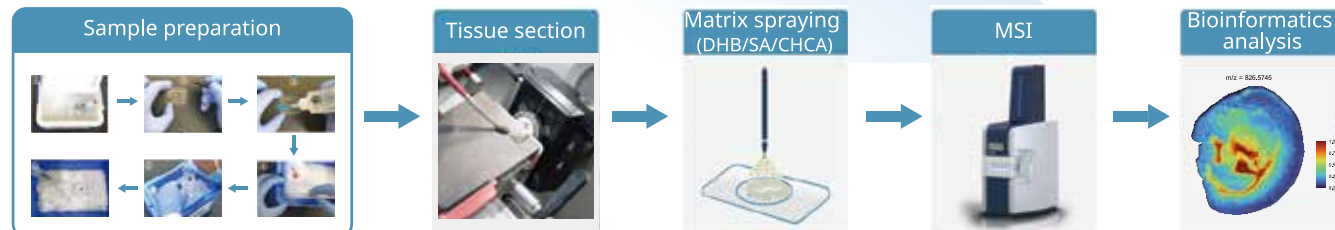
50+ tissue types from
humans to plants



Wide Coverage

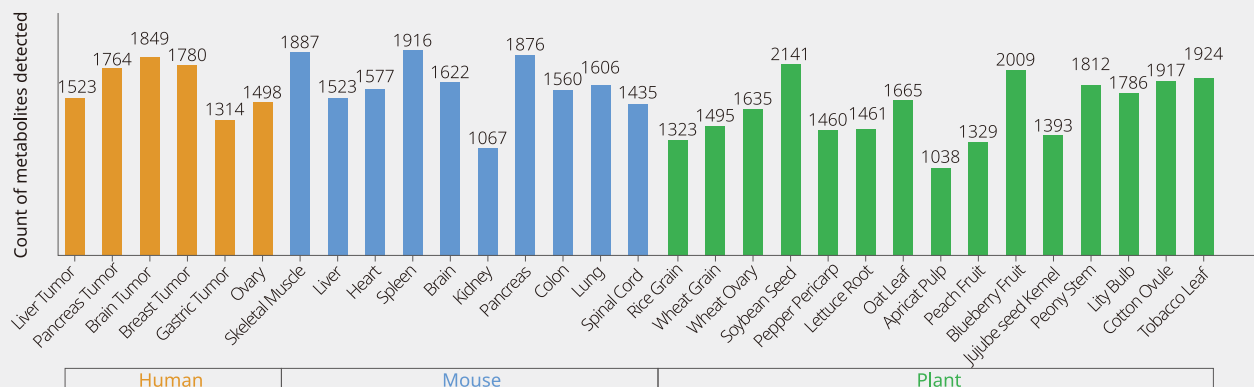
1,500+ metabolites
detected

Project Workflow



Project Experience

Our expertise spans a wide range of sample types, including various tumor tissues, animal, and plant tissues.



Number of detected metabolites in different sample types.

METWARE BIO



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