

Within world-class GLP facilities, TetraQ ADME offers a range of *in vitro* and *in vivo* services for the analysis of drugs and metabolites in biological fluids. We also frequently analyse samples generated from externally conducted studies. We are recognised as leaders in the development of validated assays for drugs and metabolites and use the latest equipment. We take pride in having highly interactive relationships with our clients and work seamlessly with the other areas of TetraQ to provide a complete solution.

Analytical Services

- Method development for drugs in biological fluids using LC-MS/MS (4000-QTrap), HPLC, etc.
- Full validation of methods to regulatory requirements, or reduced level of validation as appropriate
- Analysis of samples generated from studies conducted in-house (including from efficacy or toxicology studies) or contract analysis of samples from external sources such as clinical trials
- Validated assays for >150 compounds on hand
- ELISA Assay (*Only Australian GLP Recognised laboratory accredited for ELISA*)
 - Transferred and conducted partial validation of ELISA assay for major Australian biotech organisations with analysis of 1500 plasma samples

in vitro ADME Services

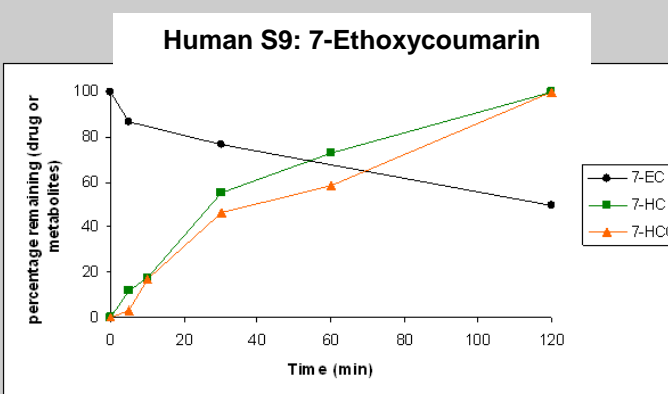
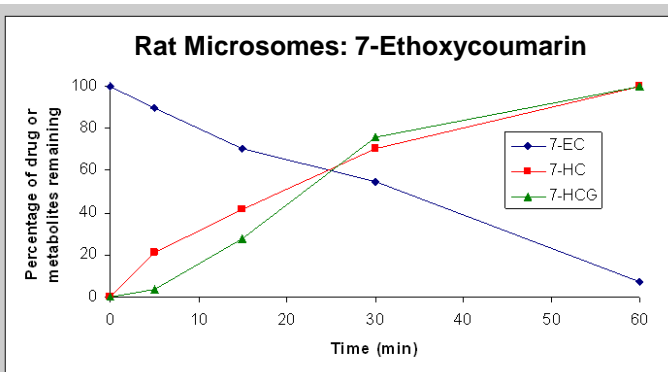
TetraQ conducts *in vitro* screening including:

- Metabolic stability screening or profiling due to Phase I (CYP450) or Phase II (glucuronidation / sulfonation) processes
- Studies conducted using cryopreserved hepatocytes (pooled human or male or female animal), microsomes or S9 as appropriate
- Identification of CYP450 isoforms responsible for metabolism using recombinant human CYPs
- Isolated perfused rat liver – TetraQ-ADME has many years experience with this model

**Absorption
Distribution
Metabolism
Elimination**



TetraQ-ADME is GLP recognised and is accredited with NATA in the field of Research and Development, and operates in accordance with ISO/IEC 17025 (2005)



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