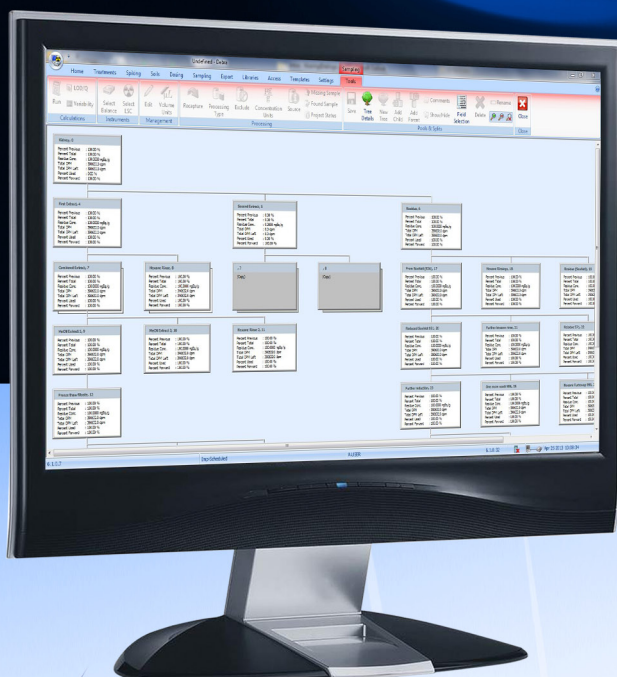


# Debra™

The industry standard protocol-based LIMS for radiolabelled metabolism studies



## The next generation...

For over 20 years, Debra has been the industry standard for radiolabelled metabolism studies.

Debra 6 is the next generation system with a completely re-designed easy-to-use ribbon interface developed to fit in with the latest IT infrastructure and technology.



## Scalable

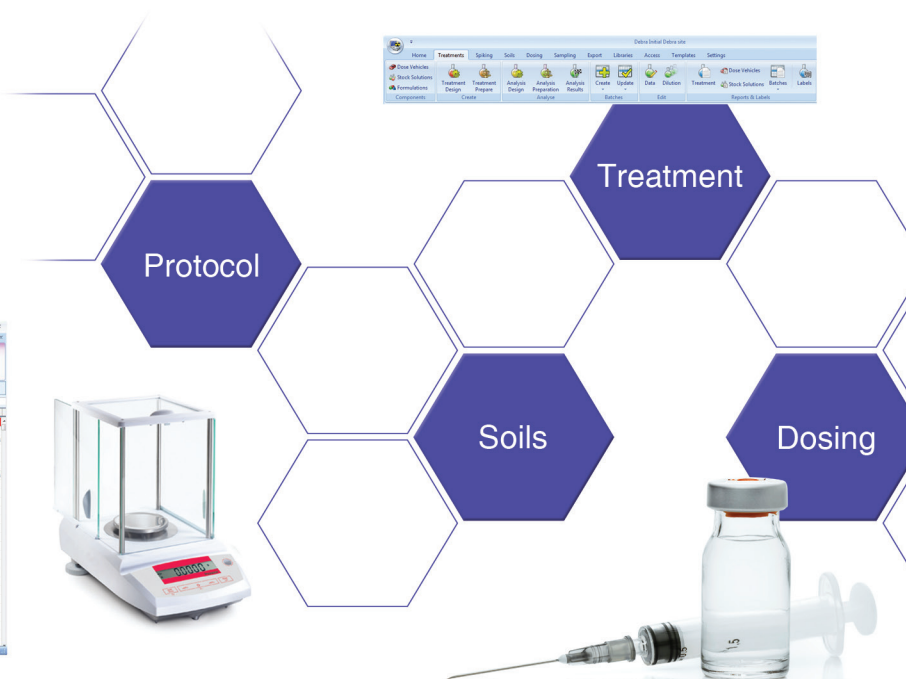
From single-user labs through to multi-site global organisations, Debra streamlines processes and workflow with modern intuitive software.

Originally designed for simple ADME mass balance and tissue distribution studies, the range and complexity of protocol handled by Debra has been extended covering all aspects of eFate work, including soil, plant and in vivo animal metabolism.

## Total control

Debra offers the user complete control of every aspect of the study process from initial definition through to final report.

Batch number	Subject	Sex	Type	Target	Weight
1	1010000001	10001	Male	245	24.022 g
2	1010000002	10001	Male	463	20.215 g
3	1010000003	10001	Male	725	6.295 g
4	1010000004	10001	Male	363	16.224 g
5	1010000005	10001	Male	1051	12.222 g
6	1010000006	10001	Male	1845	16.222 g
7	1010000007	10001	Male	2445	16.222 g
8	1010000008	10001	Male	3045	16.222 g
9	1010000009	10001	Male	3645	16.222 g
10	1010000010	10001	Male	4245	16.222 g
11	1010000011	10001	Male	4845	16.222 g
12	1010000012	10001	Male	5445	16.222 g
13	1010000013	10001	Male	6045	16.222 g
14	1010000014	10001	Male	6645	16.222 g
15	1010000015	10001	Male	7245	16.222 g
16	1010000016	10001	Male	7845	16.222 g
17	1010000017	10001	Male	8445	16.222 g
18	1010000018	10001	Male	9045	16.222 g
19	1010000019	10001	Male	9645	16.222 g
20	1010000020	10001	Male	10245	16.222 g
21	1010000021	10001	Male	10845	16.222 g
22	1010000022	10001	Male	11445	16.222 g
23	1010000023	10001	Male	12045	16.222 g
24	1010000024	10001	Male	12645	16.222 g
25	1010000025	10001	Male	13245	16.222 g
26	1010000026	10001	Male	13845	16.222 g
27	1010000027	10001	Male	14445	16.222 g
28	1010000028	10001	Male	15045	16.222 g



## A range of modules to suit all your study needs...

### Treatment and dosing

The Debra 6 Treatment Module includes multiple methods for the design, preparation and analysis of your dose solutions and vehicles. No matter how complex your formulation, Debra has a method to cope with your preparation.

### Metabolite profiling

Debra 6 can be used to create complex sample extractions. Samples may be split and pooled and radioactivity recovery tracked at every stage prior to radiochromatography analysis.

### Data collection

Samples are easily organised into batches using simple test system, sample and timepoint picklists.

### Labelling

No more manual labelling – Debra allows the user to generate specific labels in any number of user defined formats with barcodes included.

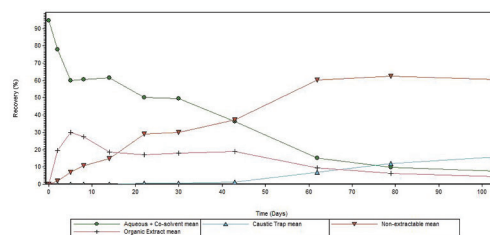
### Drug metabolism

Debra 6 can also be applied to the needs of in vivo large animal soil metabolism studies.

## Your data...at your fingertips

Debra provides powerful reporting tools giving flexibility and convenience to produce exceptional tables, graphs and reports. Templates can be customised and saved to specific requirements. Customers can also extract their own data into reporting packages and PK software.

Debra 6 introduces easy data sharing, allowing transfer of complete sets of study data between CRO and sponsor – essential where metabolism work is performed in-house after contracting out the 'in vivo' portion of the study.



## Improve quality

Direct data capture straight from your instrumentation means you can have confidence in your data.



Debra has been built to aid GLP and 21 CFR Part 11 regulatory compliance, offering a comprehensive audit trail with optional electronic signatures.



## Save time...reduce costs

### WBA

Whether using LabLogic's Seescan software or other quantitation software, Debra 6 can be used to collate, graph and report all tissue concentration data.

### Bioanalytical/PK

Debra 6 can be used for pre-clinical bioanalytical work. Time-concentration data tables and graphs can be produced and results exported to industry standard pharmacokinetic packages such as Pharsight's WinNonlin.

- Elimination of manual data capture.
- Immediate result tables following the capture of the last time point.
- No more cut and paste of data between spreadsheets.
- Removal of quality control of data.

Sample	Cytotoxic Trap	Non-extractable	Organic Extract	Aqueous + Co-solvent
Day 0	N.S.	N.S.	N.S.	64.57
Day 2	0.03	1.35	39.65	77.89
Day 8	0.04	8.23	29.65	39.63
Day 14	0.05	10.73	37.58	60.39
Day 22	0.62	14.77	18.71	61.65
Day 30	0.89	29.65	16.85	49.57
Day 43	1.13	29.65	17.50	36.40
Day 107	13.85	37.54	16.88	7.50
Day 79	11.90	60.50	4.50	9.85
Day 65	4.90	62.97	8.45	15.35
	3.73	31.68	17.00	47.52
	3.81	23.04	8.77	75.01

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## Service and Support

All of LabLogic's systems and products are backed by our comprehensive Support contracts that provide full telephone, e-mail and web support services. For software this also includes ESCROW agreements for source code access and regulatory body inspection.



## Validation Services

We believe that nobody knows and understand our systems better than we do, which is why we have put together our Validation Service to enable you to implement and get maximum value from your investment as quickly as possible.

We work as a partner with your System Manager and users to provide a tailored Validation Plan suited to your needs. Our Validation Specialists incorporate years of experience in GLP system validation, detailed knowledge of our systems, together with other industry standard systems to help you meet your Company's requirements.

## Quality Assurance

Quality of service and product is of paramount importance to LabLogic and this is reflected in our systems. Our continued efforts in this area have resulted in ISO 9001 accreditation for: Design, development and supply of laboratory information management systems, scientific applications software with ongoing maintenance support, and the supply of instrumentation systems for pharmaceutical, agrochemical and contract research organisations.

## Other LabLogic products...



### Laura™

Laura offers the radiochromatographer a true single point of control solution for HPLC and radio detectors.

### β-RAM®

Already in use in thousands of laboratories world-wide the β-RAM® has a well deserved reputation for the best sensitivity and reliability.



Certificate No:1535



Certificate No:1535



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