

IDEXX BioResearch LIMS:

Powerful Data Management Tools for the Lab Animal Manager



Key Components

- Standard Results Reports
- Opti-Tracking Statistical Reports
- Search
- Online Submission

Opti Tracking

A Powerful Data Management Tool



Opti-Tracking Overview

Strengths of Opti-Tracking

- Flexible
- Easy to use
- Significantly cuts data management time

Constructed to provide a statistical overview of the number of positive results out of the number of total samples submitted, the summery allows user to view composite of case results across a designated date range.

Opti-Tracking Overview

Lab animal personnel find the reports useful for a myriad of tasks, including:

- Accessing a statistical look at health status across time.
- Managing selective results by building, room, rack, investigator
- Parsing data more exactly for export reporting
- Exporting AHM diagnostic results and merge with other internal data
- Generating individual investigator summaries

IDEXX RADIL Client Profile

If client needs to update any submitter or accounts payable information...

[Case List](#)

[Case Lookup](#)

[Data Views](#)

[Search](#)

[Opti-Tracking Reports](#)
(formerly Summary Reports)

[Submit a Case](#)

[Pending Submissions](#)

[Sample Collection SOPs](#)

[My Profile](#)

[Help](#)

[Invoices](#)

[Logout](#)

USERID:
BrokampL

Client Profile Data for Brokamp, Linda

These fields are provided for editing purposes only (e.g. spelling errors, address changes).
This account cannot be changed to a new individual or company. If access for another person or company is desired, a new [Request for UserID](#) will need to be submitted.

Last name: <input type="text" value="Brokamp"/>	First name: <input type="text" value="Linda"/>
Institution: <input type="text" value="IDEXX RADIL"/>	Department: <input type="text" value="Marketing"/>
Address Line 1: <input type="text" value="4011 Discovery Drive"/>	Address Line 2: <input type="text" value="Room S109"/>
City: <input type="text" value="Columbia"/>	Province: <input type="text"/>
State: <input type="text" value="MO"/>	Postal Code: <input type="text"/>
Zip: <input type="text" value="65201"/>	EmailAddress: <input type="text" value="Linda-Brokamp@idexx.com"/>
Country: <input type="text" value="United States"/>	Phone # 2: <input type="text"/>
Phone # 1: <input type="text" value="(573) 499-5721"/>	Title(s), Degree(s): <input type="text"/>
Fax #: <input type="text" value="(573) 499-5701"/>	Beginning Page: <input type="text" value="Data View (Facility)"/>

Receive RADIL News by E-mail?

Additional Submitter Profile Data

I grant access to my reports on-line and/or by phone to:

List as Referrer on Cases:

Serology Results Available E-mail Notification?

PCR Results Available E-mail Notification?

Final Results Available E-mail Notification? include Final Case Report?

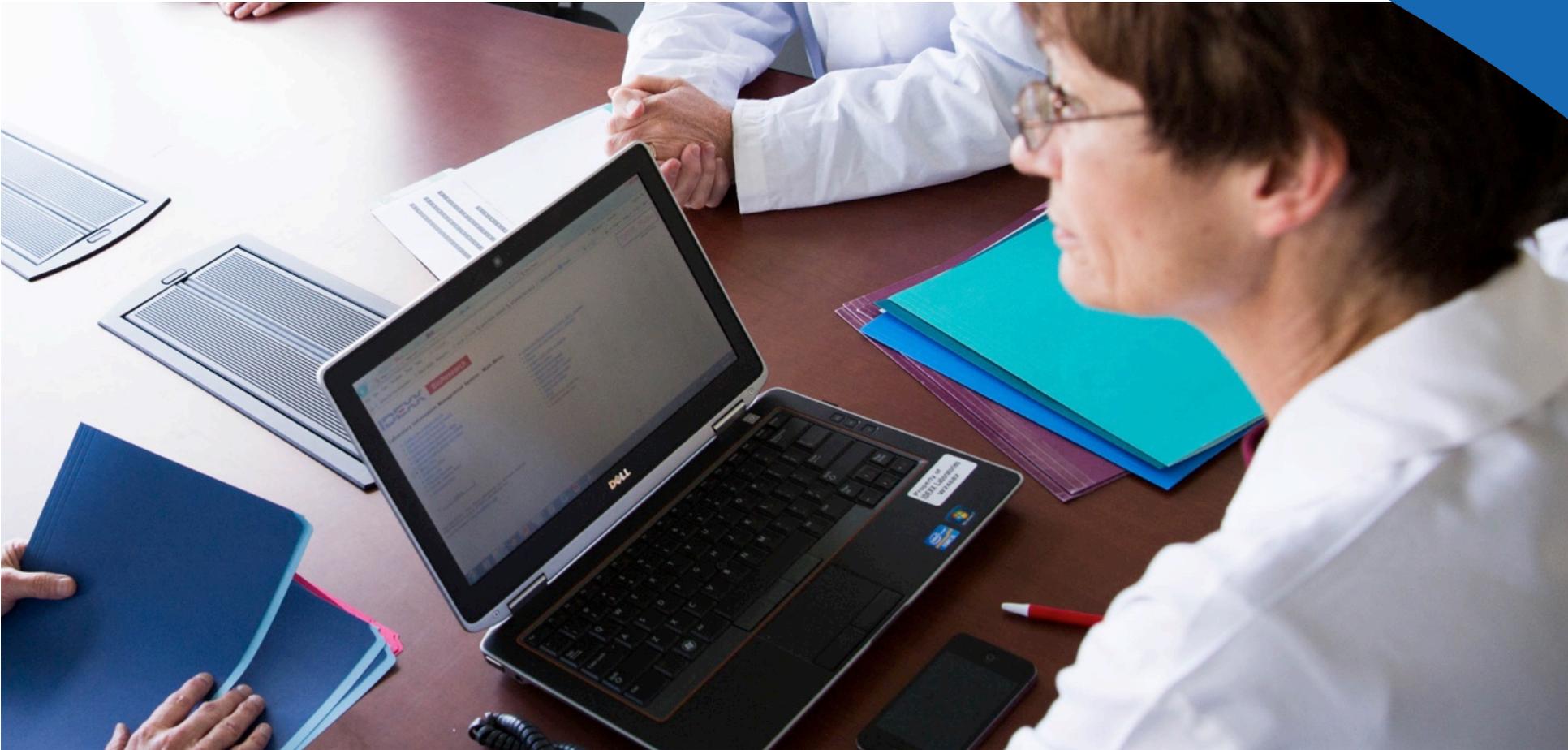
[Note: Our e-mail alert system will continue to notify you of cases with results that may indicate a potential disease problem in your facility. The above notifications are in addition to this, i.e. you would be notified when negative and/or positive results are available on the web.]

Billing Profile Data for Brokamp, Linda

Opti Tracking

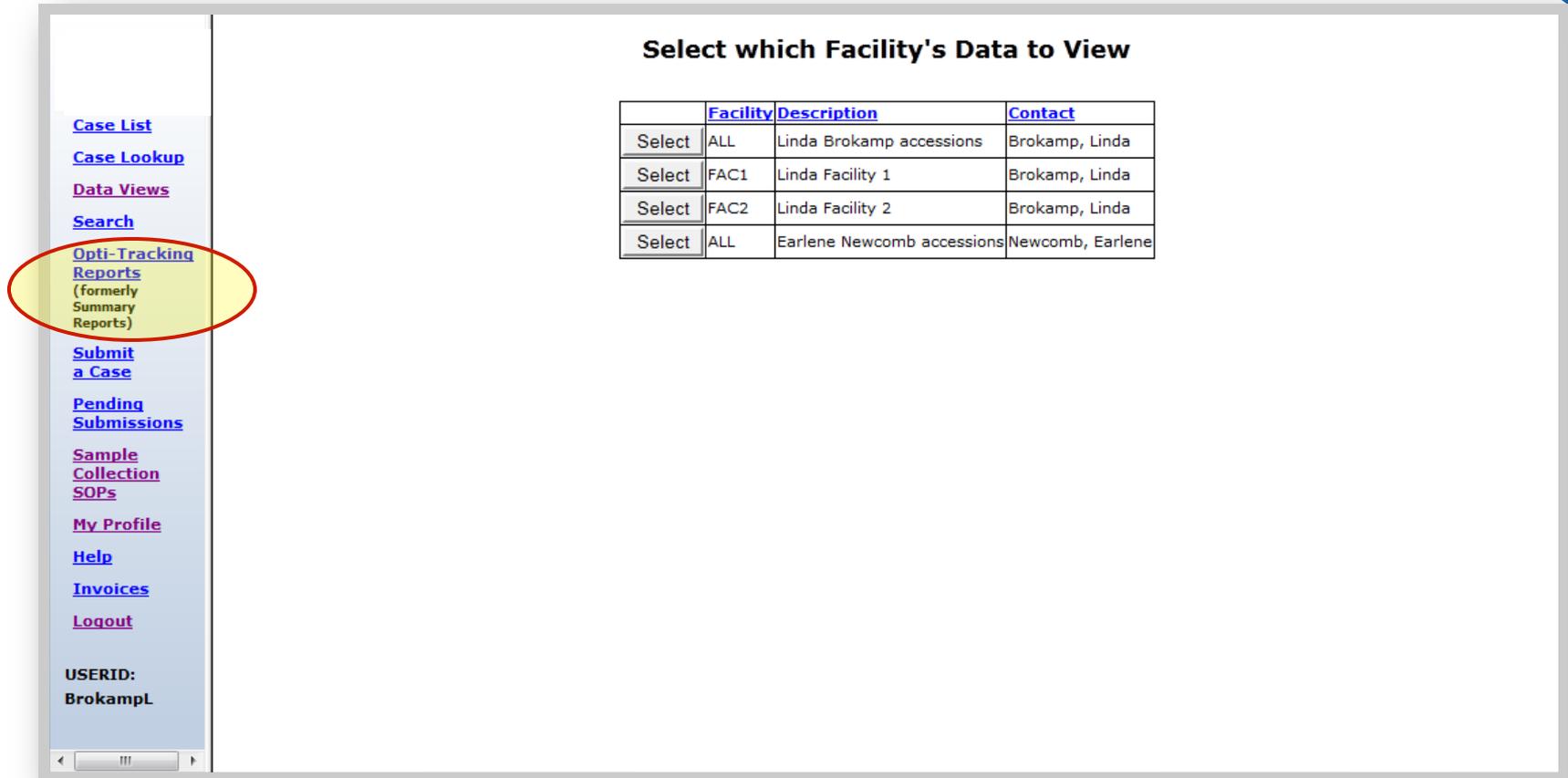
Report Tutorial

IDEXX BioAnalytics



Opti-Tracking Report Tutorial

After client logs into the IDEXX RADIL secure site...



The screenshot displays the IDEXX RADIL secure site interface. On the left is a vertical navigation menu with the following items: [Case List](#), [Case Lookup](#), [Data Views](#), [Search](#), [Opti-Tracking Reports \(formerly Summary Reports\)](#) (highlighted with a red oval), [Submit a Case](#), [Pending Submissions](#), [Sample Collection SOPs](#), [My Profile](#), [Help](#), [Invoices](#), and [Logout](#). At the bottom of the menu, it shows 'USERID: BrokampL'. The main content area is titled 'Select which Facility's Data to View' and contains a table with the following data:

	Facility	Description	Contact
Select	ALL	Linda Brokamp accessions	Brokamp, Linda
Select	FAC1	Linda Facility 1	Brokamp, Linda
Select	FAC2	Linda Facility 2	Brokamp, Linda
Select	ALL	Earlene Newcomb accessions	Newcomb, Earlene

Setting up a query

Health Surveillance Summary Reports

Special Reports allow clients to build unique and customized reports. As the columns appear, select a parameter. The system will pull the data based on the selections. [Click Here for a Tutorial](#)

Select a saved template:

Category Type (Select One)	Group By (Select One)	Group By (Optional, Select One)	Group By (Optional, Select One)	Display (Optional, Select One)
<input type="radio"/> Services (Serology, PCR, etc.)	<input type="radio"/> TestName	<input type="radio"/> TestName	<input type="radio"/> TestName	<input type="radio"/> TestName
<input type="radio"/> Agent (Viruses, Bacteria, etc.)	<input type="radio"/> Building	<input type="radio"/> Building	<input type="radio"/> Building	<input type="radio"/> Building
	<input type="radio"/> Investigator	<input type="radio"/> Investigator	<input type="radio"/> Investigator	<input type="radio"/> Investigator
	<input type="radio"/> Room	<input type="radio"/> Room	<input type="radio"/> Room	<input type="radio"/> Room
	<input type="radio"/> Area	<input type="radio"/> Area	<input type="radio"/> Area	<input type="radio"/> Area
		<input type="radio"/> None	<input checked="" type="radio"/> None	<input type="radio"/> Strain
				<input type="radio"/> Rack
				<input type="radio"/> None

Specify Parameters

Save existing selections as a new template:

Note: To specify data (such as Rooms 1, 7, and 14), please check the box next to "Specify Parameters". Please note, by specifying parameters for a given field, the summary report **will not** include data from cases in which the specified field was blank. (Example: Cases 509-515 included room numbers. However, Case 516 did not. By specifying Rooms 1 and 7, the results for Case 516 **will not be included** in the aggregate totals because the room fields were blank in that case.)

Opti-Tracking Report Tutorial

Once you've set query parameters, select specifics.

Click to Open Menu

Begin Date: 1/1/2011 End Date: 1/9/2013 View Report

Submitter: Newcomb, Earlene, Brokamp, Linda Species: All Species

Service: Room Number: Report Subheader: Client Comments: NULL

Investigator:

- (Select All)
- Histology
- Microbiology
- Parasitology
- PCR
- Serology

Open without Details: NULL

Set the date range for report.

Select individual or multiple submitters, services, and investigators, as desired.

USERID: BrokampL

Opti-Tracking Report Tutorial

Drill down to individual, multiple or all selections within the query parameters.

Click to Open Menu

Begin Date: 1/1/2011 End Date: 1/9/2013 View Report

Submitter: Newcomb, Earlene, Brokamp, Linda Species: mouse

Service: PCR, Serology Room Number: (Select All)

Investigator: Report Subheader: Client Comments: NULL

Open without Details: True False

Select individual or Multiple rooms as desired...

1
2
3
4
403
602
604
606
7035B
7035D
7035E
7035F
7035G
AH20
AH21
AH22
AH23
AH26
AH27
S129

USERID:
BrokampL

Opti-Tracking Report Tutorial

Customize or annotate report with two free text fields

The screenshot displays the IDEXX BioAnalytics Opti-Tracking Report interface. On the left is a sidebar with navigation links: Case List, Case Lookup, Data Views, Search, Opti-Tracking Reports (formerly Summary Reports), Submit a Case, Pending Submissions, Sample Collection SOPs, My Profile, Help, Invoices, and Logout. Below the sidebar, the user ID is shown as USERID: BrokampL.

The main form contains the following fields:

- Begin Date: 1/1/2011
- End Date: 1/9/2013
- Submitter: Newcomb, Earlene, Brokamp, Linda
- Species: mouse
- Service: PCR, Serology
- Room Number: 1, 2, 3, 4, 403, 602, 604, 606, 7035
- Investigator: Hoopes, McCoy, Moldoor, Rodgers, S
- Report Subheader: Quarantine Report, prepared for export
- Open without Details: True False
- Client Comments: Please note, Room 602 was taken offli NULL

A callout box points to the 'Report Subheader' and 'Client Comments' fields, stating: Free text fields: • Report Subheader • Client comments. Text will be displayed on exported report.

Report Export - Excel

Latest version of Excel maintains collapsible and expandable fields.

Table can be reformatted just as with any Excel report.

Full Excel sort functionality.

Health Surveillance Report
 Quarantine Report, prepared for export from MU to Gendron
 Dates: 1/1/2011 to 1/9/2013
 Species: mouse

				2012				
				October	Subtotal	Subtotal	Subtotal	Total
15	PCR	Aspicularis tetraptera	W112 McCoy	0/6	0/6	0/6	0/6	0/6
16		Entamoeba muris	W112 McCoy	0/3	0/3	0/3	0/3	0/3
17		Giardia muris	W112 McCoy	0/3	0/3	0/3	0/3	0/3
18		Helicobacter bilis	W106 Rodgers	0/1	0/1	0/1	0/1	0/1
19			Stump	0/1	0/1	0/1	0/1	0/1
20		Helicobacter ganmani	W106 Rodgers	0/1	0/1	0/1	0/1	0/1
21			Stump	0/1	0/1	0/1	0/1	0/1
22		Helicobacter hepaticus	W106 Rodgers	0/1	0/1	0/1	0/1	0/1
23			Stump	1/1	1/1	1/1	1/1	1/1
24		Helicobacter rodentium	W106 Rodgers	0/1	0/1	0/1	0/1	0/1
25			Stump	0/1	0/1	0/1	0/1	0/1
26		Helicobacter sp	W106 Rodgers	0/1	0/1	0/1	0/1	0/1
27			Stump	0/1	0/1	0/1	0/1	0/1
28		Helicobacter trogontum	W106 Rodgers	0/1	0/1	0/1	0/1	0/1
29			Stump	0/1	0/1	0/1	0/1	0/1
30		Helicobacter typhlonius	W106 Rodgers	0/1	0/1	0/1	0/1	0/1
31			Stump	0/1	0/1	0/1	0/1	0/1
32		MNV	403 Moldoor	5/6	5/6	5/6	5/6	5/6
33			602 Moldoor	0/3	0/3	0/3	0/3	0/3
34			604 Moldoor	0/3	0/3	0/3	0/3	0/3
35			606 Moldoor	1/3	1/3	1/3	1/3	1/3
36		Myocoptes	W106 Rodgers	0/1	0/1	0/1	0/1	0/1
37			Stump	0/1	0/1	0/1	0/1	0/1
38			W112 McCoy	0/3	0/3	0/3	0/3	0/3
39		Radfordia/Myobia	W106 Rodgers	0/1	0/1	0/1	0/1	0/1
40			Stump	0/1	0/1	0/1	0/1	0/1
41			W112 McCoy	0/3	0/3	0/3	0/3	0/3
42		Spironucleus muris	W112 McCoy	0/3	0/3	0/3	0/3	0/3
43		Synharia ohwelata	W112 McCoy	0/6	0/6	0/6	0/6	0/6

Report Export – Adobe PDF

Adobe PDF security features.

Can be placed on client's letterhead.

Health Surveillance Report
Quarantine Report, prepared for export from MU to
Dr. Jones, University of Katmandu
 Dates: 1/1/2011 to 1/9/2013
 Species: mouse

Service	TestName	Room	Investigator	#Positive / #Tested		Grand Total
				2012		
				Quarter 4		
				October	Subtotal	Total
PCR	Aspicularis tetraptera	W112	McCoy	0 / 6	0 / 6	0 / 6
	Entamoeba muris	W112	McCoy	0 / 3	0 / 3	0 / 3
	Giardia muris	W112	McCoy	0 / 3	0 / 3	0 / 3
	Helicobacter bilis	W106	Rodgers	0 / 1	0 / 1	0 / 1
			Stump	0 / 1	0 / 1	0 / 1
	Helicobacter ganmani	W106	Rodgers	0 / 1	0 / 1	0 / 1
			Stump	0 / 1	0 / 1	0 / 1
	Helicobacter hepaticus	W106	Rodgers	0 / 1	0 / 1	0 / 1
Stump			1 / 1	1 / 1	1 / 1	

Are you...

- Hand-entering data from individual case reports to your internal database?
- Exerting a significant amount of time and resources on reporting?
- Concerned that manual entry doesn't always yield consistent data?

Then Opti-Tracking is for you...

- Save significant amount of time and human resources
- Repurpose hours currently spent on data entry
- Electronically import data

Maximize Efficiency

Online Submission

IDEXX BioAnalytics



Maximize efficiency: Online Submission

What submission options are available?

- Fillable PDF (available on the website)
- Online submission
- Online submission with an Excel Spreadsheet for sample identification

Maximize efficiency: Online Submission

The screenshot displays the IDEXX online submission interface. On the left is a vertical navigation menu with the following items: [Case List](#), [Case Lookup](#), [Data Views](#), [Search](#), [Opti-Trackin Reports \(formerly Summary Reports\)](#), [Submit a Case](#), [Pending Submissions](#), [Sample Collection SOPs](#), [My Profile](#), [Help](#), and [Invoices](#). The main content area is titled 'Step 1: Customer Info' and contains a list of steps: Step 2: Select Service, Step 3: Select Species, Step 4: Select Profile, Step 5: Sample Info, Step 6: Enter Data, Step 7: Invoice/Charges, and Step 8: Order Summary. The current step is 'Step 7: Invoice/Charges', which is highlighted in blue. Below the steps, the heading 'Send Report To: Send Invoice/Charges To:' is displayed in green. Under this heading, there are two columns of contact information. The left column lists: Linda Brokamp, IDEXX RADIL, Marketing, 4011 Discovery Drive, Room 5109, Columbia, MO 65201, United States, (573) 499-5721, and Linda-Brokamp@idexx.com. The right column lists: RADIL, 4011 Discovery Drive, Columbia, MO 65201, 573-499-5722, and melissa-gordes@idexx.com. Below the contact information, there are two links: 'Edit Billing Info' and 'Edit Submitter Info'. At the bottom of the main content area, there is a 'Next' button. The bottom of the interface features a dark blue patterned background.

Online Submission

Once you've set query parameters, select specifics.

The screenshot displays the 'Select Profile' step of the online submission process. On the left, a vertical navigation menu includes links for Case List, Case Lookup, Data Views, Search, Opti-Tracking Reports (formerly Summary Reports), Submit a Case, Pending Submissions, Sample Collection SOPs, My Profile, Help, and Invoices. The main content area features a progress bar with steps 1 through 8, where 'Step 4: Select Profile' is currently active. Below the progress bar, the heading 'Select one or more Profiles:' is followed by a list of checkboxes for various serology profiles: Opti-HM Primary Serology Profile, Opti-HM Clinical Serology Profile, Opti-HM Basic Serology Profile (checked), Opti-HM Comprehensive Serology Profile, Opti-HM Comprehensive Plus Serology Profile, and Opti-HM Global Serology Profile. An 'Other, please specify:' field with a text input and '(max 100 characters)' label is also present. To the right, a box labeled 'Profile(s) / Test(s) Added:' is empty. A 'Save/Next' button is located at the bottom of the form area.

Online Submission

[Case List](#)

[Case Lookup](#)

[Data Views](#)

[Search](#)

[Opti-Trackin Reports \(formerly Summary Reports\)](#)

[Submit a Case](#)

[Pending Submissions](#)

[Sample Collection SOPs](#)

[My Profile](#)

[Help](#)

[Invoices](#)

Step 1: Customer Info

Step 2: Select Service

Step 3: Select Species

Step 4: Select Profile

Step 5: Sample Info

Step 6: Enter Data

Step 7: Invoice/Charges

Step 8: Order Summary

Select one or more Profiles:

- Opti-HM Primary Serology Profile
- Opti-HM Clinical Serology Profile
- Opti-HM Basic Serology Profile
- Opti-HM Comprehensive Serology Profile
- Opti-HM Comprehensive Plus Serology Profile
- Opti-HM Global Serology Profile

Other, please specify:

 (max 100 characters)

Opti-HM Parasitology Tests (optional)

-- Please Select --

Opti-HM PCR Tests (optional)

-- Please Select --

Opti-HM Micro Tests (optional)

-- Please Select --

Opti-HM Histo Tests (optional)

-- Please Select --

Profile(s) / Test(s) Added:

Opti-HM Basic Serology Profile	Delete
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Online Submission

[Case List](#)

[Case Lookup](#)

[Data Views](#)

[Search](#)

[Opti-Tracking Reports](#)
(Formerly Summary Reports)

[Submit a Case](#)

[Pending Submissions](#)

[Sample Collection SOPs](#)

[My Profile](#)

[Help](#)

[Invoices](#)

[Logout](#)

USERID:
BrokampL

Step 1: Customer Info

Step 2: Select Service

Step 3: Select Species

Step 4: Select Profile

Step 5: Sample Info

Step 6: Enter Data

Step 7: Invoice/Charges

Step 8: Order Summary

Select one or more Profiles:

- Opti-HM Primary Serology Profile
- Opti-HM Clinical Serology Profile
- Opti-HM Basic Serology Profile
- Opti-HM Comprehensive Serology Profile
- Opti-HM Comprehensive Plus Serology Profile
- Opti-HM Global Serology Profile

Other, please specify:

 (max 100 characters)

Opti-HM Parasitology Tests (optional)

Opti-HM Protozoal PCR Panel ▼ Add

Opti-HM PCR Tests (optional)

Streptobacillus moniliformis ▼ Add

Opti-HM Micro Tests (optional)

Opti-HM Micro Panel 2 ▼ Add

Opti-HM Histo Tests (optional)

Opti-HM Histo Panel 1 ▼ Add

Profile(s) / Test(s) Added:

Opti-HM Basic Serology Profile	Delete
Opti-HM Protozoal PCR Panel	Delete
Opti-HM Histo Panel 1	Delete
Opti-HM Micro Panel 2	Delete
Streptobacillus moniliformis	Delete

Online Submission

[Case List](#)
[Case Lookup](#)
[Data Views](#)
[Search](#)
[Opti-Tracking Reports](#)
(formerly Summary Reports)
[Submit a Case](#)
[Pending Submissions](#)
[Sample Collection SOPs](#)
[My Profile](#)
[Help](#)
[Invoices](#)
[Logout](#)

USERID:
BrokampL

Step 1: Customer Info
Step 2: Select Service
Step 3: Select Species
Step 4: Select Profile
Step 5: Sample Info
Step 6: Enter Data
Step 7: Invoice/Charges
Step 8: Order Summary

Sample/Animal Information:

Total Number
Animals/Samples: (required) (must be a number)

Building/Facility:

Area:

Strain:

Specimen Description:

RADIL Project # (e.g. P100):

History/Clinical Signs
Remarks/Study Number
Special Instructions:

Online Submission

[Case List](#)

[Case Lookup](#)

[Data Views](#)

[Search](#)

[Opti-Tracking Reports \(formerly Summary Reports\)](#)

[Submit a Case](#)

[Pending Submissions](#)

[Sample Collection SOPs](#)

[My Profile](#)

[Help](#)

[Invoices](#)

[Logout](#)

USERID:
BrokampL

Step 1: Customer Info

Step 2: Select Service

Step 3: Select Species

Step 4: Select Profile

Step 5: Sample Info

Step 6: Enter Data

Step 7: Invoice/Charges

Step 8: Order Summary

Enter Data:

Are you aware of any potential human health hazards, including radioactivity, associated with these samples?

yes no

If yes, please describe:

Option 1) Upload a File with Sample/Animal Data. File must be in spreadsheet, text or CSV format. (recommended for more than 20 samples):

Select File:

Option 2) Manually enter the data:

(All fields are optional. Any data included will display on reports and be searchable.)

Sample ID	Add ID	Investigator	Room	Strain	Age	Sex	Rack	Date Placed	Other1	Other2	Other3	Other4

Online Submission

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Pending Submissions
Sample Collection SOPs
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Help
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USERID:
BrokampL

Step 1: Customer Info
Step 2: Select Service
Step 3: Select Species
Step 4: Select Profile
Step 5: Sample Info
Step 6: Enter Data
Step 7: Invoice/Charges
Step 8: Order Summary

Send Invoice/Charges To:
Purchase Order #:
Quote # (If applicable): J12032012
Account Code:
Facility Code: ALL ▾
Shipping Date: 01/14/2013 (required format: "MM/DD/YYYY")

Or

Online Submission

[Case List](#)

[Case Lookup](#)

[Data Views](#)

[Search](#)

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[Pending Submissions](#)

[Sample Collection SOPs](#)

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USERID:
BrokampL

Step 1: Customer Info

Step 2: Select Service

Step 3: Select Species

Step 4: Select Profile

Step 5: Sample Info

Step 6: Enter Data

Step 7: Invoice/Charges

Step 8: Order Summary

Order Summary:

RADIL

Case Submission Form

Send Report To:
 Brokamp, Linda
 IDEXX RADIL
 4011 Discovery Drive
 Room 5109
 Columbia, MO 65201
 (573) 499-5721
 Linda-Brokamp@idexx.com

Bill To:
 RADIL
 4011 Discovery Drive
 Columbia, MO 65201
 Quote #: J12932012

Shipping Date: 01/14/2013 **Total # of Samples:** 3

Species: mouse

Facility: ALL

Specimen Description: serum, feces, tissue, swabs

Service(s) Requested: Opti-HM Basic Serology Profile; Opti-HM Protozoal PCR Panel; Opti-HM Histo Panel 1; Opti-HM Micro Panel 2; Streptobacillus moniliformis

Sample ID	Add ID	Investigator	Room #	Strain	Age	Sex	Rack	Date Placed	Other 1	Other 2	Other 3	Other 4
1												
2												
3												

Comments: Quarterly monitoring

Online Submission

