



Instructions for ELISA Proficiency Program Website Users

User ID: _____

Password: _____

Program Overview

Quality Certification Services Inc. (QCS)

Quality Certification Services Inc. is a wholly owned subsidiary of National DHIA and provides certification services to the various providers segments of the Milk Recording/DHI industry. Quality Certification Services Inc. does not own any laboratory, milk recording entity or processing center - rather serves as an independent auditor of the services offered by the audited provider. Further, QCS does not endorse specific instruments, devices, tests, or software programs used in the DHI industry.

ELISA Testing of Milk Samples

DHI Field Technicians routinely collect individual milk samples from visually identified lactating cows. The certification of the activities of field service providers in the United States is described in the Council on Dairy Cattle Breeding (CDCB) auditing guidelines. Both dairy producers and industry personnel have recognized the value of ELISA testing on individual cows for a variety of measures.

QCS ELISA Proficiency Program

The core purpose of this program is to identify laboratories proficient in performing ELISA testing of milk samples. This program will consist of a monthly set (description on Page 7 of this document) of 'Samples Unknown' that will be distributed to participating laboratories for analysis.

This program is designed to:

- Promote standardization among labs conducting ELISA on milk samples
- Demonstrate and identify proficiency among laboratories that perform ELISA testing

Eligibility of Laboratories

This program is open to any laboratory using ELISA on milk samples. There are no limitations on the following:

- Test kit manufacturer – Identification of manufacturer of test kit required on application.
- ELISA tests run – Identification of assays performed required on application.
- Participation in other certification programs offered by QCS and/or other entities.

Program Entry

All laboratories wishing to participate in the ELISA Proficiency Testing Program must submit a signed application to the QCS Manager prior to entry. All fields in the application must be completed or the application will be returned to the laboratory for resubmission. Parties unknown to Quality Certification Services Inc. may be asked to submit a credit application along with the program application.

Where is the ELISA Proficiency Program website located?

To access the ELISA Proficiency Program Website, go to: www.quality-certification.com and click on the 'ELISA PROFICIENCY' tab on the left side of the screen.



 Quality Certification
Services Inc.

- About QCS
- Approved Devices
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- Service Providers
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- ELISA Proficiency
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[Auditing Guidelines for 2010](#)

[2010 Samples Unknown \(Component Labs\) Schedule](#)

[New ELISA Proficiency Program for Laboratories](#)

[2010 Meter Technician Training School Announcement](#)



Mission Statement
Providing a reliable source of information to people
interested in the US dairy records industry.

What is available on the ELISA Proficiency Program Page?

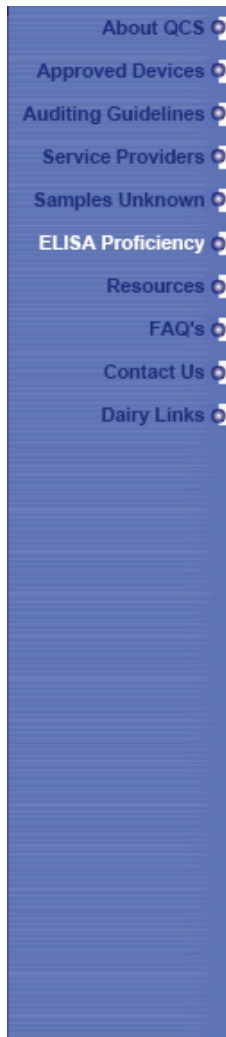
Program Summary and Resources Available

The ELISA Proficiency Page provides a brief summary of the program along with links that may be useful to program participants. These links may be modified based on need and include:

- Most recent version of 'ELISA Proficiency Guidelines'
- ELISA Proficiency Trial Schedule
- Frequently Asked Questions (FAQ)

Accessing the Program Participants' Data Entry and Report Program

To access the ELISA Proficiency Program User's Website, click on the '**ELISA PROFICIENCY PROGRAM - PARTICIPANT WEB SITE**' tab on the bottom of the screen.



ELISA Proficiency Testing Program

The core purpose of this program is to identify laboratories proficient in performing ELISA testing of milk samples. This program will consist of a monthly set of 'Samples Unknown' that will be distributed to participating laboratories for analysis and data submission.

This program is designed to:

- Promote standardization among laboratories conducting ELISA tests on milk samples
- Identify laboratories proficient in various milk ELISA tests, providing a level of assurance to dairy producers and allied industry partners

This program is open to any laboratory conducting ELISA test on milk samples. There are no limitations on the following:

- Test kit manufacturer
- ELISA test run by an individual laboratory
- Participation in other certification programs offered by QCS and/or other entities

How the program works:

- On the Monday of the third full week of the month, the [ELISA Proficiency Unknowns Supplier](#) will send out a duplicate set of 10 samples to each participating lab. The samples should provide enough volume to allow three technicians to conduct the assay(s).
- By midnight (Central Time Zone) of the last business day of the month, each laboratory must analyze the samples (along with positive and negative controls) and subsequently submit the results online to the [ELISA Proficiency web site](#). After the data entry deadline is passed, QCS will analyze the raw data and prepare test results in a timely fashion.
- Once the analysis is complete, each participating laboratory will be notified that they are able to retrieve a certification report for their respective laboratory's performance.
- Laboratories meeting performance criteria will be published in a list of proficient labs on the QCS website.

Useful Links

[Frequently Asked Questions \(FAQ\)](#)

[2010 ELISA Proficiency Guidelines](#) - Updated January 12, 2010

[2010 ELISA Proficiency Schedule](#) - Updated January 5, 2010

[ELISA Proficiency Program - Participant Web Site - User ID and Password provided to registered participants only](#) **

**This page is a link to the ELISA Proficiency Program web site where raw data is entered and the resulting lab certification and comparison reports are generated. Laboratories participating in the program are provided a User ID and Password by the [QCS Manager](#). This web site will not provide useful information to other parties.

Program Login

Please enter the USER ID and password supplied by the QCS Manager. You will have the opportunity to change your password after the initial login.

Please note that your USER ID is in ALL CAPITAL LETTERS and does not contain spaces.

Welcome To Quality Certification Services, Inc. ELISA Proficiency Testing Program

Please Enter Your User ID and Password

User ID:

Password:

This page is a link to the ELISA Proficiency Program web site where raw data is entered and the resulting lab certification and comparison reports are generated.

Laboratories participating in the program are provided a User ID and Password by the [QCS Manager](#). This web site will not provide useful information to other parties.

ELISA Proficiency Program Features

Illustrated below are the functions available to program participants. Use of each of the tabs will be discussed in these instructions. Please note that when you log in, the system defaults to this page and the most current ELISA Proficiency Trial.

Quality Certification Services, Inc.

ELISA Proficiency Program

Welcome Antel-Bio Systems To Our Web Site

Unknown entry available Monday, January 18, 2010 thru Friday, January 29, 2010 at 11:59:00 PM Eastern

Current Trial Selected is 101
Please Make Selection

Select Trial
Change Lab Info
Sample Unknown Entry
Trial Entry Confirmation
Trial Certification Report
Trial Comparison Report
ELISA Training Portal
LogOff

[Return To Login Page](#)

Selecting the Trial

Each set of monthly unknowns is referred to as a trial. Using the '**SELECT TRIAL**' tab, you will open a drop-down box, and the laboratory can see the current and all completed trials.

Users wishing to enter data for the current trial would select the 'Trial and Date' at the top. Please note the system defaults to this trial when you log in.

Users wishing to retrieve certification and/or comparison reports for completed trials should select the appropriate trial. Data and reports for all completed trials will be accessible to program participants.

Once you select the trial desired, hit the 'Submit Trial Selection' tab. You will then be prompted to return to the menu.

[Quality Certification Services, Inc.](#)

Antel-Bio Systems

Trial 101

Select the Trial from the dropdown list you wish to change to, then Submit

Trial 101 1/18/2010

Submit Trial Selection

[Return To Menu Without Selecting](#)

Changing Laboratory Information

By selecting the '**CHANGE LAB INFO**' tab from the main menu, users can update address and contact information and change their password. Once changes are complete, hit submit to save your changes.

Quality Certification Services, Inc.

Antel-Bio Systems

Lab Name	Antel-Bio Systems		
Street			
Address	PO Box 23157		
City	Lansing		
State	MI	or Province	
Zip or Postal Code	48910		
Country	USA		
Phone	800-471-3978	Extension	
Fax	517-351-5610		
Login Name	ANTELBIO		
Password	[REDACTED]		

submit

[Return to Options](#)

Samples Unknown Results Entry

To enter samples unknown trial results, please select the '**SAMPLE UNKNOWN ENTRY**' tab from the menu. All technicians and the assay(s) performed in your laboratory will be listed in the menu. This information is provided to QCS in the program application.

If a laboratory would like to add/remove technicians and/or assays, please contact the QCS manager to make these changes.

To enter results for a technician/assay, please select the appropriate technician and hit submit. If a technician did not perform the assay during this trial period, please select 'Offline' and then hit submit.

Quality Certification Services, Inc.

Antel-Bio Systems

Test Entry

Select	Offline			
<input type="radio"/>	<input type="radio"/>	Heather Donohue	MAP	PRIONICS
<input type="radio"/>	<input type="radio"/>	Jessica Houseman	MAP	PRIONICS
			<input type="button" value="Submit"/>	<input type="button" value="Reset"/>

[Return Without Selecting](#)

Entering your Data

Once the technician/assay is selected, you will receive a data entry screen. Please enter the absorbance for each sample (three decimal places) and select the interpretive result (Negative, Positive, etc.) from the drop-down box. **Please enter raw data – the system will correct for your controls.** Please note the fields that are required as part of your data submission. At bottom of the screen, please type in the name of the person submitting the data. This person does not have to be the technician (i.e. may be laboratory manager). Hit submit when complete.

[Quality Certification Services, Inc.](#)

Antel-Bio Systems

Heather Donohue - MAP - PRIONICS

Kit Lot #:

Unknowns Lot #:

Date Test Run:

Control #	Value	Result
Neg1	<input type="text"/>	NEGATIVE
Neg2	<input type="text"/>	NEGATIVE
Pos1	<input type="text"/>	POSITIVE
Pos2	<input type="text"/>	POSITIVE
Sample #	Value	Result
1	0.000	Select Result
2	0.000	Select Result
3	0.000	Select Result
4	0.000	Select Result
5	0.000	Select Result
6	0.000	Select Result
7	0.000	Select Result
8	0.000	Select Result
9	0.000	Select Result
10	0.000	Select Result
11	0.000	Select Result
12	0.000	Select Result
13	0.000	Select Result
14	0.000	Select Result
15	0.000	Select Result
16	0.000	Select Result
17	0.000	Select Result
18	0.000	Select Result
19	0.000	Select Result
20	0.000	Select Result

I, , certify that the data entered on this page are the actual results of assays conducted in this laboratory, by the technician identified above, and on the date declared on this page. Further, I certify that supporting documentation of these assay results will be maintained at this laboratory and copies of this supporting documentation will be made available to Quality Certification Services, Inc. upon written request.

[Return Without Updating](#)

Confirmation of Data Entry

To view the data entry confirmation, select the 'TRIAL ENTRY CONFIRMATION' tab. Data from all technicians/assays in your lab will be displayed.

The laboratory is encouraged to review the data for accuracy and data entry errors. No changes will be made after the data entry period ends. It is also suggested that the laboratory print a copy of made a PDF of the trial entry confirmation for their records.

[Quality Certification Services, Inc.](#)

Antel-Bio Systems

Trial 100

Trial Entry Confirmation

<u>Antel-Bio Systems</u>			
<i>Heather Donohue</i>			
MAP			
	Rep	Res	
1	-0.028	NEGATIVE	
2	-0.027	NEGATIVE	
3	-0.021	NEGATIVE	
4	-0.021	NEGATIVE	
5	-0.019	NEGATIVE	
6	-0.018	NEGATIVE	
7	0.040	NEGATIVE	
8	0.033	NEGATIVE	
9	0.235	POSITIVE	
10	0.207	POSITIVE	
11	0.358	POSITIVE	
12	0.438	POSITIVE	
13	1.102	POSITIVE	
14	1.149	POSITIVE	
15	1.766	POSITIVE	
16	1.576	POSITIVE	
17	1.642	POSITIVE	
18	2.315	POSITIVE	
19	1.660	POSITIVE	
20	1.705	POSITIVE	
<i>Jessica Houseman</i>			
MAP			
	Rep	Res	
1	-0.013	NEGATIVE	
2	-0.021	NEGATIVE	
3	-0.022	NEGATIVE	
4	-0.022	NEGATIVE	
5	-0.019	NEGATIVE	
6	-0.016	NEGATIVE	
7	0.019	NEGATIVE	
8	0.030	NEGATIVE	
9	0.154	POSITIVE	
10	0.142	POSITIVE	
11	0.378	POSITIVE	
12	0.381	POSITIVE	
13	1.159	POSITIVE	
14	1.236	POSITIVE	
15	1.748	POSITIVE	
16	2.147	POSITIVE	
17	1.982	POSITIVE	
18	1.863	POSITIVE	
19	1.976	POSITIVE	
20	2.079	POSITIVE	

[Return To Menu](#)

Retrieving your Certification Report

When the analysis of all data is complete, participating laboratories will be notified that their respective certification reports are ready for viewing and or download. To access your certification report, select the '**TRIAL CERTIFICATION REPORT**' tab.

This report includes quantitative and qualitative results along with performance statistics and compliance rates. This report may be printed or stored as a PDF locally. Participating laboratories will have access to all of their previous certification reports through the on-line system.



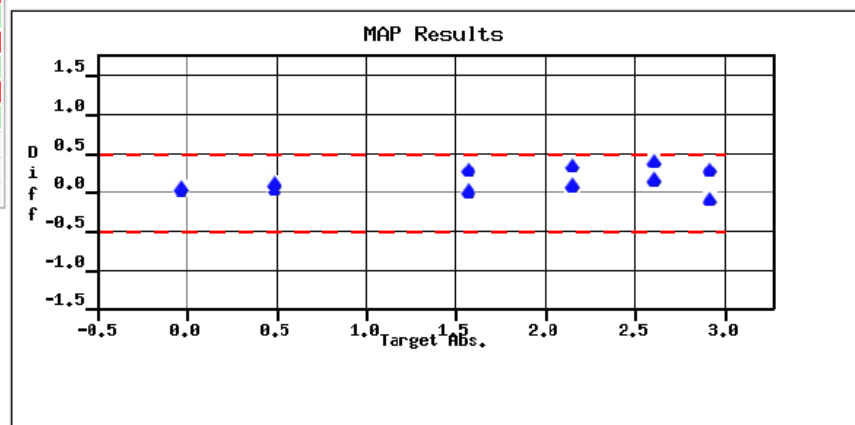
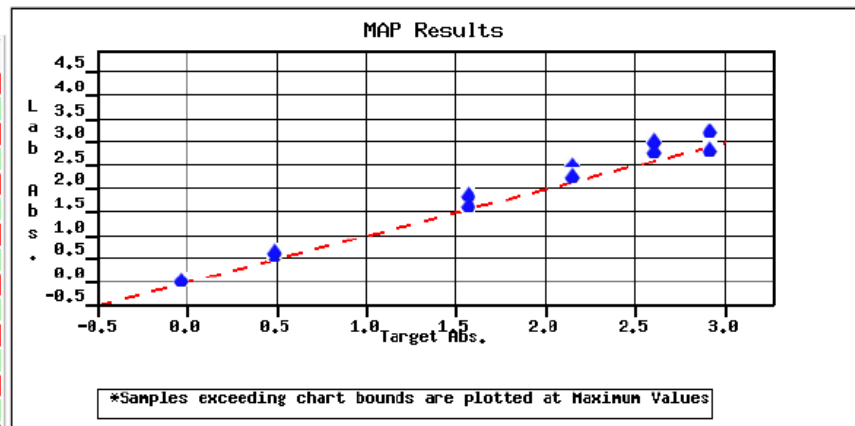
ELISA Proficiency Program
Samples Unknown
Trial 101 On 1/18/2010

ANTEL BIO
Heather Donohue
MAP - PRIONICS

Sample	Target	Lab #	Diff	+/-
1	2.923	3.171	0.248	Pos
2	-0.028	-0.022	0.006	Neg
3	2.610	2.724	0.114	Pos
4	-0.023	-0.021	0.002	Neg
5	2.154	2.451	0.297	Pos
6	-0.028	-0.026	0.003	Neg
7	1.574	1.554	-0.020	Pos
8	-0.026	-0.023	0.003	Neg
9	0.495	0.605	0.110	Pos
10	-0.027	-0.027	0.000	Neg
11	2.923	2.780	-0.143	Pos
12	-0.023	-0.024	-0.001	Neg
13	2.610	2.957	0.347	Pos
14	-0.028	-0.023	0.005	Neg
15	2.154	2.207	0.053	Pos
16	-0.026	-0.024	0.002	Neg
17	1.574	1.811	0.237	Pos
18	-0.028	-0.026	0.002	Neg
19	0.495	0.562	0.067	Pos
20	-0.027	-0.021	0.006	Neg
		MD	0.062	
		SDD	0.124	
		Dist	0.138	

Compliance Rates:	
Correct Negatives	100%
Correct Positives	100%
Overall Compliance	100%

Excluded from Results	Count
Lab/Tech Error	0
Sample Quality Problem	0



Retrieving your Comparison Report

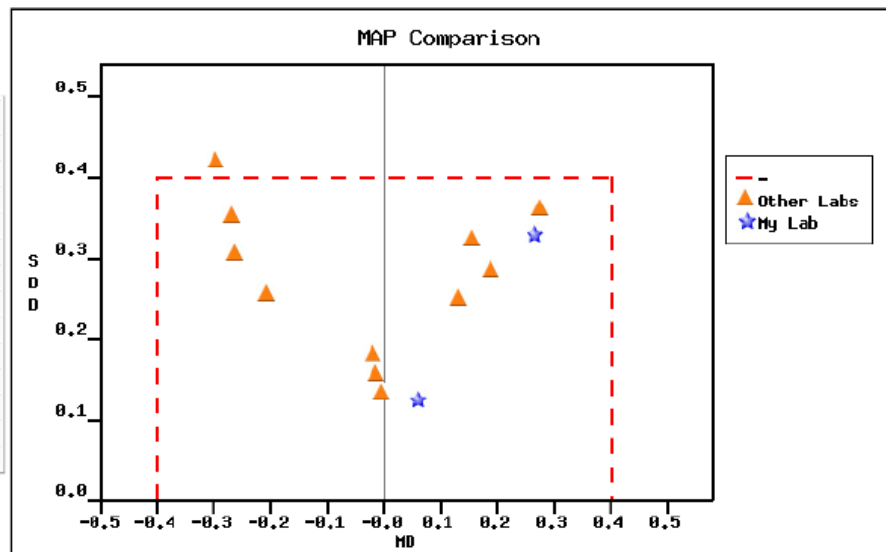
By selecting the **'TRIAL CERTIFICATION REPORT'** tab, you can view a chart comparing the performance of your laboratory and technicians compared to all participating laboratories. A copy of this report may be printed or stored as a PDF on your local computer, but is also available at any time by selecting the appropriate trial (previously described).

In the chart, you will only know your technicians, as indicated by blue stars. All other laboratories will be displayed as orange triangles, but the identity of these laboratories will not be available.

Note that the current program has identified a tolerance of 0.4 for MD and SDD and is indicated on this report by the dashed lines. If the tolerances change due to revisions in the guidelines, this chart will reflect these changes.

ANTEL BIO

Lab Tech	MD	SDD	D	Comp.
	-0.005	0.134	0.134	100%
Heather Donohue	0.062	0.124	0.138	100%
	-0.015	0.157	0.158	100%
	-0.020	0.182	0.183	100%
	0.133	0.251	0.284	100%
	-0.207	0.257	0.330	100%
	0.188	0.288	0.342	100%
	0.155	0.324	0.359	100%
	-0.264	0.307	0.405	100%
Jessica Houseman	0.267	0.328	0.423	100%
	-0.289	0.354	0.445	100%
	0.278	0.363	0.458	100%
	-0.295	0.422	0.515	100%



Program Administration and Contacts

Quality Certification Services Contacts

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