



Laboratory Information Management System (LIMS)

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What do we need from a LIMS?

- Speed-up your research.
- Manage and track samples and biological material.
- Know reagents stocks and validity in real time.
- Find your cell line in seconds.
- Keep activity records.
- Know which animals are in which cages.

What do we need from a LIMS?

- Know which plants are in greenhouse or tissue culture.
- Browse and easily manage storage places.
- Manage your sequences, plasmids or primers and analyze them quickly.
- Share documents, protocols and other documents on the lab.
- Keep and manage experiments in a collaborative Electronic Lab Notebook (ELN)?

Labcollector - Features & Benefits

- Central information database
- Quick information retrieval
- Alerts system
- Cross-database searches
- Uniform data presentation
- Perpetuation of information & Traceability
- Data reports export (screen and MS-Excel)

LabCollector

Labcollector - Features & Benefits

- Automatic data imports
- Versatile administration
- Upgradeable
- 1 license per database covers all lab users
- Affordable
- Open source - can add own custom modules or reports.

LabCollector

Labcollector - Concept

- Each scientist in the lab can manage quickly his/hers own data and information and make it available to the rest of the lab community.
- Due to Intranet support, data can be accessed from any connected computer in the lab, which accelerates information retrieval.
- Laboratory staff spends less time on recurrent and time-consuming operations and dedicate more time to research activity.

Labcollector - Modules

1. Labcollector is built around independent modules that can interact with each other.
2. Labcollector can manage a variety of day-to-day useful lab information.

The logo for LabCollector, featuring the text "LabCollector" in a bold, italicized, white font, centered within a blue rounded rectangular box with a white border.

Labcollector - Modules

ILRI

International Livestock Research Institute

Better lives through livestock

Logout | logged as: Super Administrator



powered by LabCollector

HOME

MODULES

TOOLS

ADMIN

HELP

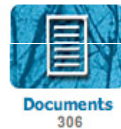
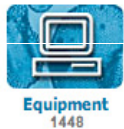
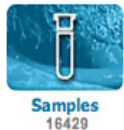
Language: en

v. 4.13 Licensed to BeCA-ILRI [Check for updates...]

Order list contains items!

Some lots are finishing!

Modules



Add-Ons



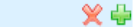
Links



Users Posts

more >>

RSS Feed



v. 4.13 - AgileBio

biosciences
eastern and central africa



ILRI
INTERNATIONAL
LIVESTOCK RESEARCH
INSTITUTE

Labcollector - Modules



Strains & Cells

1



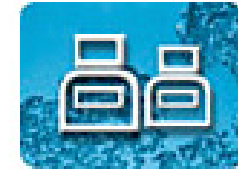
Plasmids

0



Primers

2



Reagents & Supplies

343



Samples

16429



Antibodies

1



Sequences

1



Animals

1



Equipment

1448



Documents

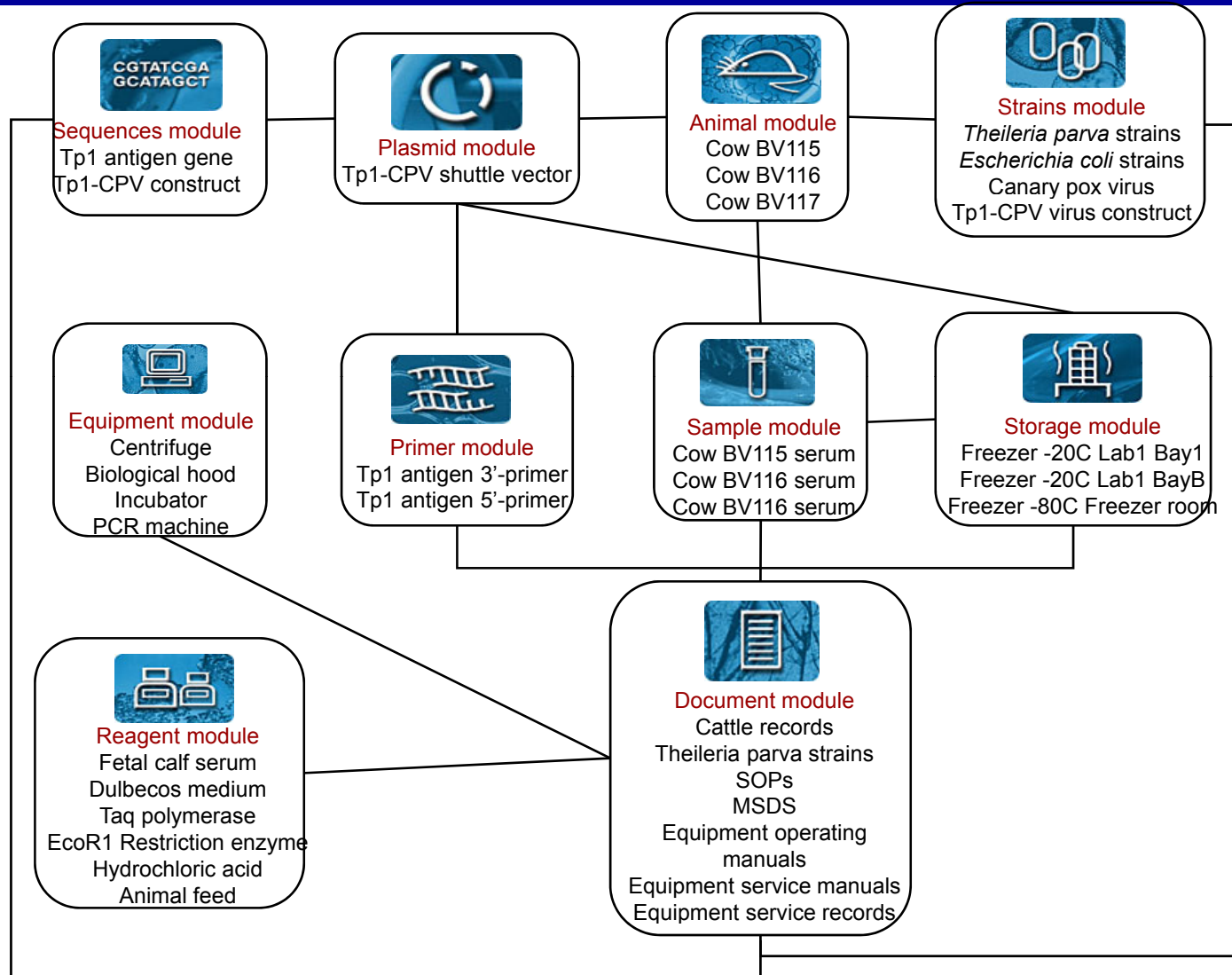
298



Address Book

466

ECF vaccine development process captured in the LIMS



Animal Module



International Livestock Research Institute

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HOME

MODULES

TOOLS

ADMIN

HELP

Language: en

Add New Record

Order list contains items!

Some lots are finishing!

Animals Database

Search by ID: or by keyword: Search! sort results by

AND animal type is: AND status is:

AND person in charge is: AND located in:

1 results found | Show/Hide all results on page

Listing Report:

1: BV115	Cattle	On Experiment	
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	Date created: 2008-02-26 11:02:52 (last update: 2008-02-26 11:30:12)	
	Date of birth: 2002-02-23	Date of arrival: 2002-11-02
	Date of Experiment: 2003-01-23	Date of death: †
	Quantity: 1	
	Description: Boran cow BV115	
	Person in Charge: Edward Okoth (Lab 1) - E.OKOTH@CGIAR.ORG	
	Experimentator: Cecilia Muriuki (Lab 5) - C.MURIUKI@CGIAR.ORG	

Cage
Room: Stable 1
Shelf: 0
Row: 0
Cage: 0

[BV115 PBMC Day 10](#) [CPV Tp2](#) [Tp Muguga](#) [CTL TpMug CPV Tp2](#) Add links

Primers Module

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HOME MODULES TOOLS ADMIN HELP

Language: en

Add New Record

Order list contains items!

Some lots are finishing!

Primers Database



Search by ID: or by keyword: Search! clean sort results by Id ASC

AND Direct or Reverse orientation

AND with label/marker: 5' Any 5' marker OR 3' Any 3' marker

AND owner by: All contacts AND stored in: Full search

34 results found | Show/Hide all results on page

Listing Export:

1: Tp2F 60 nt Tm: 69 °C

	Date created: 2008-02-26 11:49:07 (last update:)
	Sequence (5'-3'): ATGAGGGTCAAAAAGTTTTATTATACACTCCGGTTG TCGGTATTTACTGGCTGGA
	Length: 60 Tm (°C): 69 %GC: 37
	Description: Ip2 specific forward primer
	5' Label/marker: Biotin
	3' Label/marker:
	Orientation:
	Quality: Purified
	Concentration: 0.1ug(ul)
	Status: Available
	Owner: Rosemary Saya (Lab 6) - R.SAYA@CGIAR.ORG

Tp2 Add links

Storage

T. parva antigens

1 tubes

J1,

Freezer Room > Freezer 1

[See all secondary places](#)

[Add secondary storage](#)

Hybridize this primer

COTATCGA 17 nt overlap on 3' end

17 nt overlap on 3' end

biosciences
eastern and central africa



NEPAD Planning and
Coordinating Agency (NPCA)

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INSTITUTE

Storage Module



Storage Browser & Manager

Complete storage listing report:

- Lab Storage Tree
- No location assigned
- BSU Lab
- Busia Lab
- CBPP Lab
- Central Core Media Room
- Central Core Sterilization Room
- Central Core Wash Up Area
- Electron Microscopy Room
- Electronic Store
- Engineering Store
- Facs Room
- Farm Unit
- Freezer Room
- Freezer 1
 - Rack: 1
 - PBMC BV115
 - T. parva antigens
 - Tparva stabilates
- Helminthology Lab
- Lab 1 Bay A
- Lab 1 Bay B
- Lab 1 Bay C
- Lab 1 Camera/Dark Room
- Lab 1 Corridor
- Lab 1 Room 402
- Lab 1 Room 404
- Lab 1 Room 411
- Lab 1 Room 413
- Lab 1 Room 565
- Lab 2 Bay A
- Lab 2 Bay B
- Lab 2 Bay C
- Lab 2 Bay D
- Lab 2 Camera/Dark Room
- Lab 2 Cold Room
- Lab 2 Room 415
- Lab 2 Room 417
- Lab 2 Room 418

Boxes In This Rack/Drawer (1 On Freezer 1)

Ref	Position	Box Name	Owner	Features
2	2	T. parva antigens	John Wambugu	Cloned T. parva antigens, and reagents
3	1	PBMC BV115	Cecilia Muriuki	PNMC from BV115 vaccine experiment 2
4	3	Tparva stabilates	Edward Okoth	Tparva stabilates

This rack has **30** possible box positions
[Add new box in this rack/drawer](#) [Rename Rack](#)

T. Parva Antigens
CLOINED T. PARVA ANTIGENS, AND REAGENTS

	1	2	3	4	5	6	7	8	9	10
A	CTL TpMug CPV Tp2	CTL TpMug CPV Tp2	CTL TpMug CPV Tp2	CTL TpMug CPV Tp2						antiTp2
B										antiTp2
C										
D										
E										
F	pUC18									
G	CPV Tp2									
H										
I										
J	Tp2F	Tp2R								

Thank you

