



NATIONAL AIDS/ STD CONTROL PROGRAM (NASCOP)
MINISTRY OF HEALTH GOVERNMENT OF KENYA

CD4 COMMODITY

USER GUIDE AND DOCUMENTATION

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Introduction

The system has Three main modules:-

1. Partners Module
2. System Administrator Module
3. National

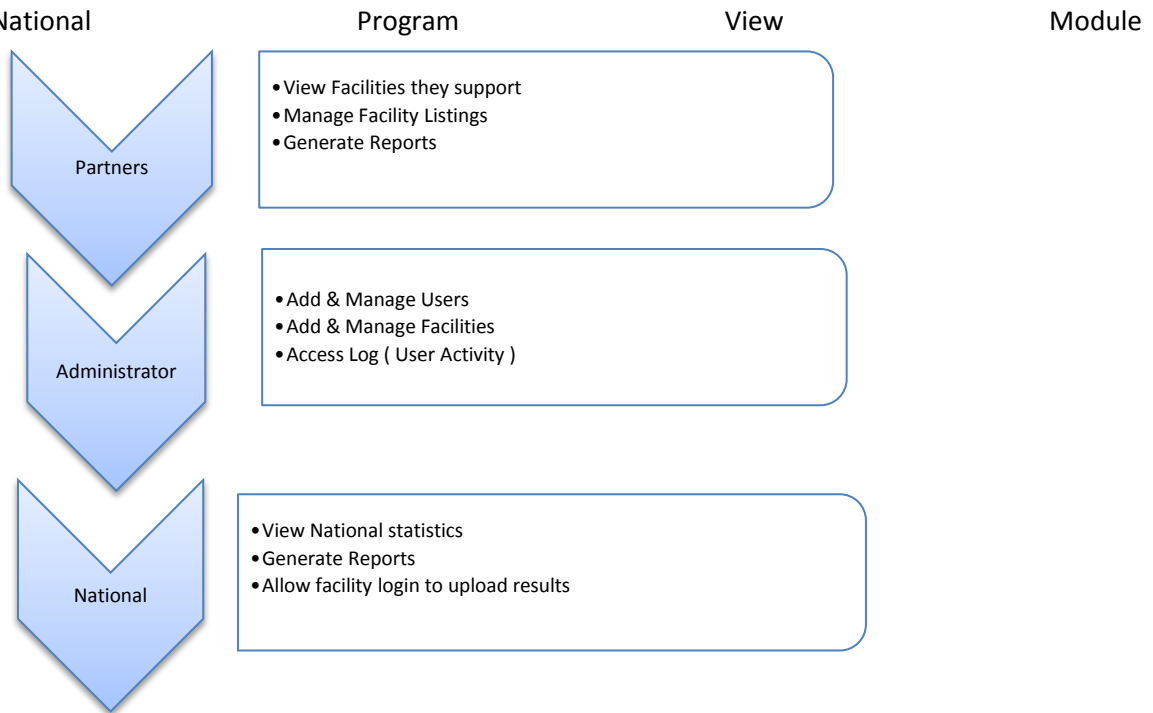


Figure 1 : System modules

User Module

Accessing CD4

1. Browse to Mozilla Firefox (Most recommended browser) or other browser of your choice. You can use shortcut icons or use the start menu to start the browser.



Figure 2 : Access the browser on your machine

2. Access the CD4 system by entering the below web address.



Figure 3 : Enter URL to access the CD4 system



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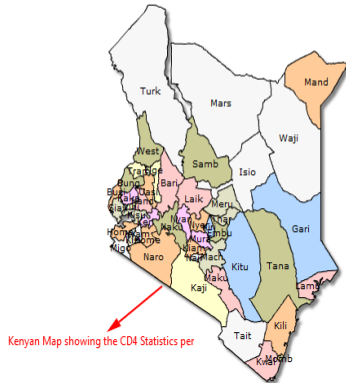
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• 2013 |

• Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sept | Oct | Nov | Dec

National Statistics

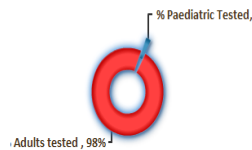


Equipment Types

Device	Total	Functional	Broken Down	Obsolete
CD4 Equipment	161	161	0	0
Chemistry Equipment	11	11	0	0
Haematology Equipment	82	82	0	0

CD4 Equipment summary with details on click

% of Tests by Age



Testing Statistics

Cumulatively From Jan, 2012

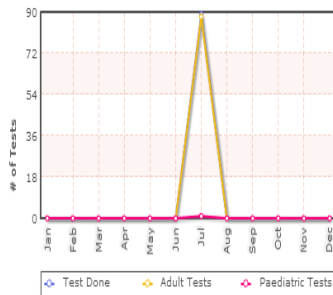
	Tests	CD4 < 350 cells/mm3	% Failure
Total Tests	90	24	26.7
Adults	88	22	25
Paediatrics	2	2	100

CD4 Testing Statistics

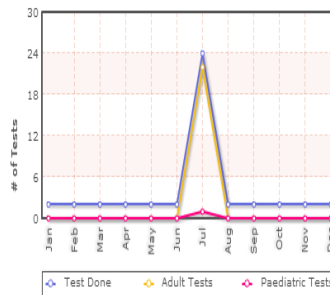
Statistics For Jul, 2013

	Tests	CD4 < 350 cells/mm3	% Failure
Total Tests	89	24	27
Adults	88	22	25
Paediatrics	1	1	100

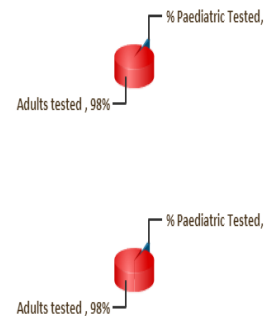
Test Trends for Year 2013



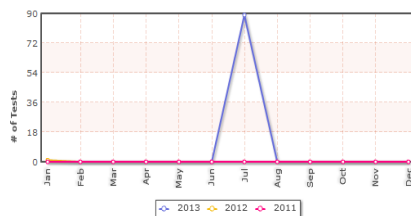
Tests < 350 cells/MM3 in Year 2013



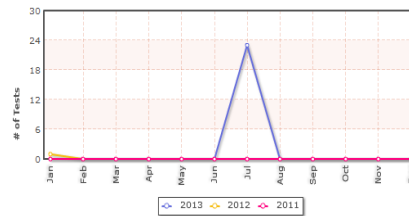
% Tests by Age



Testing Trends



<350 cells/mm3 Trends



CD4 homepage with the respective Statistics on CD4 equipment and Tests



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National CD4 Testing Per County

Show entries

Search:

County	CD4 Device	Cumulative # CD4 Tests	# CD4 Tests for Jul, 2013	Adult Tests			Paediatric Tests			View Details
				Cumulative	Jul, 2013	# CD4 < 350	Cumulative	Jul, 2013	# CD4 < 25%	
Mombasa	CPGH Calbur	11	11	11	11	4	0	0	0	View Mombasa Details

Showing 1 to 1 of 1 entries

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Table showing counties reporting for CD4 tests

Link to view more of the county testing details

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Regional view

This shows all the country CD4 tests done per county and their respective details with the ability to view the details of the county testing by clicking on the links.



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Testing Statistics for Mombasa County

Cumulatively From Jan, 2012

	Tests	CD4 < 350cells/mm3	% Failure
Total Tests	90	24	26.7
Adults	88	22	25
Paediatrics	2	2	100

County Test Summary

Facilities

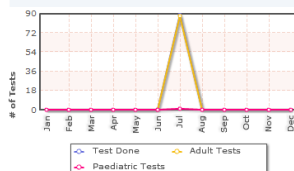
Facility	CD4 Device	Cumulative # CD4 Tests	# CD4 Tests for Jul, 2013	Adult Tests	Paediatric Tests	View Details
Coast Provincial General Hospital	CPGH Calbur	4	4	4	0	View Coast Provincial General Hospital Details
Mvita Dispensary	CPGH Calbur	7	7	7	0	View Mvita Dispensary Details

Respective facilities in the county and their statistics

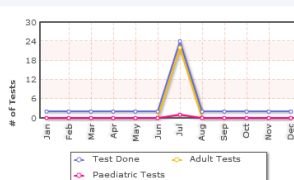
Statistics For Jul, 2013

	Tests	CD4 < 350cells/mm3	% Failure
Total Tests	89	24	27
Adults	88	22	25
Paediatrics	1	1	100

Test Trends for Year 2013



Tests < 350 in Year 2013



County view

This shows the details of the CD4 testing trends in the county selected. One can view the various facilities in the county by clicking on the **View Details** link on the facility details table.



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Facility Dashboard Submit Consumption Report Upload Calibur data FACS Calibur Results View Orders FCDRR LIST

Period: [Last Upload: Jul - 2013](#) | [Last 6 Months](#) | [Last 3 Months](#) | [Customize Dates](#) | [Month/Year Filters >](#) • 2013 | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sept | Oct | Nov | Dec



Facility Dashboard

Shows the details and CD4 testing trends of a selected facility. This is also the default landing page after a facility logs in.



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Commodity Reporting LOG IN

A/C Kijabe Mission Hospital
Aumbira Sub District Hospital
Asumbi Mission Hospital
Bomu Medical Centre

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Facility Login

Allows login as a facility by inputting the facility and a login password. The default password is '123456'.



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POC LOG IN

Username

Password

LOG IN

[Forgot Password](#)

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Program login

Allows other levels of users e.g. Administrators, DMLTs and Partners to login into the system



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Facility Dashboard Submit Consumption Report Upload Calibur data FACS Calibur Results View Orders FCDRR LIST

FACILITY CONSUMPTION DATA REPORT & REQUEST(F-CDRR) FOR ART LABORATORY MONITORING REAGENTS

Name of Facility:	Coast Provincial General Hospital			Facility Code:	11289		District:	Mvita		Province/County:	Mombasa		Affiliation:	Moi	
REPORT FOR PERIOD:	BEGINNING:			DD/MM/YYYY			ENDING:			DD/MM/YYYY					
State the number of CD4 Tests conducted:			Calibur:	Pead Test	Adult Test	Equip No.	Count:	Pead Test	Adult Test	Equip No.	Cyflow Partec:				
TOTAL NUMBER OF CD4 TESTS DONE DURING THE MONTH(REPORTING PERIOD):															
COMMODITY CODE	COMMODITY NAME	UNIT OF ISSUE	BEGINNING BALANCE	QUANTITY RECEIVED FROM CENTRAL WAREHOUSE (e.g. KEHSA)		QUANTITY USED	LOSSES/WASTAGE	ADJUSTMENTS Indicate # (+) or (-)		ENDING BALANCE PHYSICAL COUNT at end of the Month	QUANTITY REQUESTED				
				Quantity	Lot No.			Positive	Negative						
FACS Calibur Reagents and Consumables															
CAL 002	Tri-TEST CD3/CD4/CD45 with TruCOUNT Tubes	50T Pack													
CAL 003	Calbrite 3 Beads	3 Vials Pack													
CAL 005	FACS Lysing solution	100mL Pack													
	FACS Clean solution	5L Pack													
Common Reagents/Consumables															
CON 007	Vacutainer EDTA 4ml tubes	100/pack													
CON 011	Vacutainer Needle 21G [Adult]	100/pack													
CON 009	Micortainer tubes [Paediatric]	50/Pack													
CON 010	Microtainer Pink lancets 21G [Paediatric]	200/Pack													
CON 012	Vacutainer Butterfly Needle 23G [Paediatrics]	50/Pack													
CON 005	Yellow Pipette Tips (50 Microl.)	1,000 tps													
CON 008	CD4 Stabilizer tubes 5ml	100/Pack													
FCDRR Comments															
Submit Commodity Report				Save and Submit Later				Print							

Submit Consumption Report

Allows filling in and submission of the FCDRR online.



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Facility Dashboard Submit Consumption Report Upload Calibur data FACS Calibur Results View Orders FCDRR LIST

Upload FACS CALIBUR results to the system

Upload an exp file
The Calibur result File must be an exp
file
e.g. 030513.exp

Equipment Type:	Facs Calibur
Facility Name:	Coast Provincial General Hospital
Enter Operator's Name:	<input type="text" value="Enter Name"/>
Date of Upload:	21 July 2013
*File to upload:	<input type="button" value="Choose File"/> No File Chosen
<input type="button" value="View File"/> <input type="button" value="Reload page"/>	

Upload FACS Calibur Data

Enable Calibur data to be uploaded. This is by browsing to the Calibur file (in .exp format) and previewing it then confirming and uploading the test results. The confirm upload interface is as below.



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Facility Dashboard Submit Consumption Report Upload Calibur data FACS Calibur Results View Orders FCDRR LIST

Upload FACS CALIBUR results to the system

Show entries

Search:

Institution	Director	Operator	Cytometer	Cytometer Serial Number	Software Version	Sample Name	Sample ID	Case Number	AGE	SEX	SITE	Panel Name	Date Analyzed	Lab Report File Name	Physicians Report File Name	Ref Range	Comments	CD3/CD4/CD45 TruCount File Name
CPGH	DR.MBUUKO	SAARAH	FACSCalibur	E97500995	MuKSET V3.0.2	HALIMA MOHAMED	150265	545674/004	59	M	11289	CPGH TRUCOUNT	1970-01-01	HALIMA MOHAMED 01.lab	HALIMA MOHAMED 01.phy	BD	-	HALIMA MOHAMED 01.01
CPGH	DR.MBUUKO	SAARAH	FACSCalibur	E97500995	MuKSET V3.0.2	mvanasha salim	150338	3040200001	32	F	11679	CPGH TRUCOUNT	2013-07-09	mvanasha salim02.lab	mvanasha salim02.phy	BD	-	mvanasha salim02.01
CPGH	DR.MBUUKO	SAARAH	FACSCalibur	E97500995	MuKSET V3.0.2	ANDREW OTTIENO	150339	9000178	47	M	11679	CPGH TRUCOUNT	2013-07-09	ANDREW OTTIENO03.lab	ANDREW OTTIENO03.phy	BD	-	ANDREW OTTIENO03.01
CPGH	DR.MBUUKO	SAARAH	FACSCalibur	E97500995	MuKSET V3.0.2	FEDRICK OKETCH	150340	CCC 400043	27	M	-	CPGH TRUCOUNT	2013-07-09	FEDRICK OKETCH04.lab	FEDRICK OKETCH04.phy	BD	-	FEDRICK OKETCH04.01

Showing 1 to 10 of 90 entries

Confirm upload



Facs Calibur Results

Show 10 entries

Search:

Facility	CD4 Device	Total Tests Done	Adult Tests		Paediatric Tests		Tasks	
			Total Tests	# CD4 < 350cells/mm3	Total Tests	# CD4 < 25%	Print	Email
Kingorani Prison Dispensary	CPGH Calibur	7	7	2	0	0		
Bamburi Dispensary	CPGH Calibur	7	7	2	0	0		
Coast Provincial General Hospital	CPGH Calibur	4	4	1	0	0		
GK Prison Health Centre (Shimo Main)	CPGH Calibur	1	1	0	0	0		
GK Prisons Dispensary (Shimo Bortol)	CPGH Calibur	1	1	1	0	0		
Mvita Dispensary	CPGH Calibur	7	7	3	0	0		
Tudor District Hospital	CPGH Calibur	55	55	11	0	0		

Showing 1 to 7 of 7 entries

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Facs Calibur Results.

Shows the results of the Calibur upload per facility. There is an ability to **PRINT** and **EMAIL** the results by clicking on the respective icons. To view the actual sample details, click on the facility link with a popup as below appearing;

Test Results for Kingorani Prison Dispensary											
Director	Operator	Sample Name	Sample ID	Case Number	Sex	Age	Date Analyzed	(Average) CD3+ %Lymph	(Average) CD3+ Abs Cnt	(Average) CD3+CD4+ %Lymph	(Average) CD3+CD4+ Abs Cnt
DR.MBUKO	SAARAH	RAPHAEL OWINO	150360	3000012/00	M	41.00	2013-07-09	79.02	622.33	32.27	335.77
DR.MBUKO	SAARAH	BENJAMIN KARANJA	150363	3000098	M	29.00	2013-07-09	86.70	1602.79	23.67	437.62
DR.MBUKO	SAARAH	MUSYOKI MUSEMBI	150364	3000097/00	M	25.00	2013-07-09	84.64	2213.59	3.52	92.17
DR.MBUKO	SAARAH	AORON ATTWA	150366	3000055/00	M	36.00	2013-07-09	82.79	2987.31	26.00	938.26
DR.MBUKO	SAARAH	MICHAEL MWENDWA	150372	1801205/00	M	38.00	2013-07-09	92.16	1747.97	25.84	490.13
DR.MBUKO	SAARAH	FREDRICK OMUYA	150373	40015044	M	40.00	2013-07-09	84.53	2159.40	19.01	485.70
DR.MBUKO	SAARAH	MWANAISHA ALI	150375	3000173	F	48.00	2013-07-09	68.91	2429.43	12.72	448.43

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Kingorani Prison Dispensary	CPGH Calibur	7	7	2	0	0		
Coast Provincial General Hospital	CPGH Calibur	4	4	1	0	0		
GK Prison Health Centre (Shimo Main)	CPGH Calibur	1	1	0	0	0		
GK Prisons Dispensary (Shimo Bortol)	CPGH Calibur	1	1	1	0	0		
Mvita Dispensary	CPGH Calibur	7	7	3	0	0		
Tudor District Hospital	CPGH Calibur	55	55	11	0	0		

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Commodity Orders

Reagent	End Balance	Required	Allocation (Rate)	Expected Date of Delivery	Received	Rejected	Comments
Ti-TEST CD3/CD4/CD45 with TruCOUNT Tubes	1	1	<input type="text" value="0"/>	<input type="text" value="7/1/21"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Calibrite 3 Beads	1	1	<input type="text" value="0"/>	<input type="text" value="7/1/21"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
FACS Lysing solution	2	2	<input type="text" value="0"/>	<input type="text" value="7/1/21"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
FACS Clean solution	2	2	<input type="text" value="0"/>	<input type="text" value="7/1/21"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
FACS Rinse solution	22	2	<input type="text" value="0"/>	<input type="text" value="7/1/21"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
FACS Flow solution	22	2	<input type="text" value="0"/>	<input type="text" value="7/1/21"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Falcon Tubes	2	2	<input type="text" value="0"/>	<input type="text" value="7/1/21"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
BD Multi-Check Control	2	2	<input type="text" value="0"/>	<input type="text" value="7/1/21"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
BD Multi-Check CD4 Low Control	2	2	<input type="text" value="0"/>	<input type="text" value="7/1/21"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
PARTEC Sheath Fluid	0	0	<input type="text" value="0"/>	<input type="text" value="7/1/21"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
PARTEC Cleaning Solution	0	0	<input type="text" value="0"/>	<input type="text" value="7/1/21"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
PARTEC Decontamination solution	0	0	<input type="text" value="0"/>	<input type="text" value="7/1/21"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
PARTEC Bleaching solution	0	0	<input type="text" value="0"/>	<input type="text" value="7/1/21"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
PARTEC Rohren Tubes	0	0	<input type="text" value="0"/>	<input type="text" value="7/1/21"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
printing Paper (A4)	0	0	<input type="text" value="0"/>	<input type="text" value="7/1/21"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
HP Laser Jet Printer Cartridge 35A	0	0	<input type="text" value="0"/>	<input type="text" value="7/1/21"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>

Save Details

View orders

Shows the facility Requested commodities vs what is allocated and the expected Date Of Delivery.